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STRUCTURE FILE UPDATES: 14 DEC 2006 HIGHEST RN 915690-78-7
DICTIONARY FILE UPDATES: 14 DEC 2006 HIGHEST RN 915690-78-7

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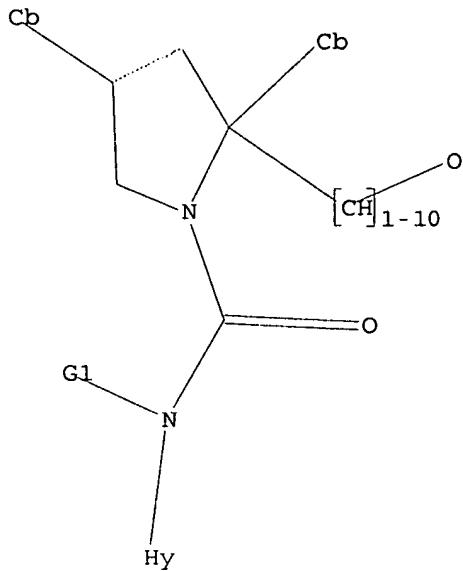
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

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L1 STRUCTURE UPLOADED

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L1 HAS NO ANSWERS
L1 STR



G1 H,CH

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 12:00:04 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 260 TO ITERATE

100.0% PROCESSED 260 ITERATIONS 9 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 4233 TO 6167
PROJECTED ANSWERS: 9 TO 360
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L2 9 SEA SSS SAM L1

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=> s 11 full
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FULL SCREEN SEARCH COMPLETED - 5438 TO ITERATE

100.0% PROCESSED 5438 ITERATIONS 310 ANSWERS
SEARCH TIME: 00.00.01
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L3 310 SEA SSS FUL L1

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	167.38	167.59

FILE 'CAPLUS' ENTERED AT 12:00:40 ON 15 DEC 2006
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FILE COVERS 1907 - 15 Dec 2006 VOL 145 ISS 26
FILE LAST UPDATED: 14 Dec 2006 (20061214/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

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L4 7 L3

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L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2006:1009710 CAPLUS
DOCUMENT NUMBER: 145:377211
TITLE: Preparation of 2,5-dihydropyrrole compound containing piperidine moiety as mitotic kinesin inhibitor
INVENTOR(S): Coleman, Paul J.; Cox, Christopher D.; Hartman, George D.
PATENT ASSIGNEE(S): Merck & Co., Inc., USA
SOURCE: PCT Int. Appl., 98pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006101780	A1	20060928	WO 2006-US8674	20060310
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRIORITY APPLN. INFO.:			US 2005-662519P	P 20050316
OTHER SOURCE(S):			MARPAT 145:377211	
GI				

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [p = 0-3; q = 0-2; R1 = aryl, heterocyclyl, alkyl, etc.; said aryl, heterocyclyl and alkyl is optionally substituted with halo, CN, OH, etc.; R2 = halo, CN, OH, etc.; R3 = H, alkyl, aryl, etc.; said alkyl and aryl is optionally substituted with halo, CN, OH, etc.; R5 = H, alkyl,

aryl, etc.; said alkyl and aryl is optionally substituted with halo, CN, OH, etc.; R6 = H, halo, CN, etc.; W = bond, C:O, C:S, etc.; provided that at least one silicon atom is present in the compd., and further provided that -W-R5 is not -alkyl-O-Si(alkyl)3], pharmaceutically acceptable salts or stereoisomers thereof were prepd. For example, Pd/C catalyzed de-benzyloxycarbonylation of compd. II [R = tert-butyldimethylsilyl; R' = benzyloxycarbonyl], e.g., prepd. from benzyl 4-oxo-1-piperidinecarboxylate in 7 steps, followed by treatment with trifluoroacetic acid and reaction with 3-chloropropyltrimethylsilane afforded compd. II [R = H; R' = 3-trimethylsilylpropyl]. In kinesin ATPase in vitro assays, compd. II [R = H; R' = 3-trimethylsilylpropyl] exhibited the IC50 value of .1toreq.50 μ M. Compds. I are claimed useful for the treatment of brain cancer, stomach cancer, etc.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

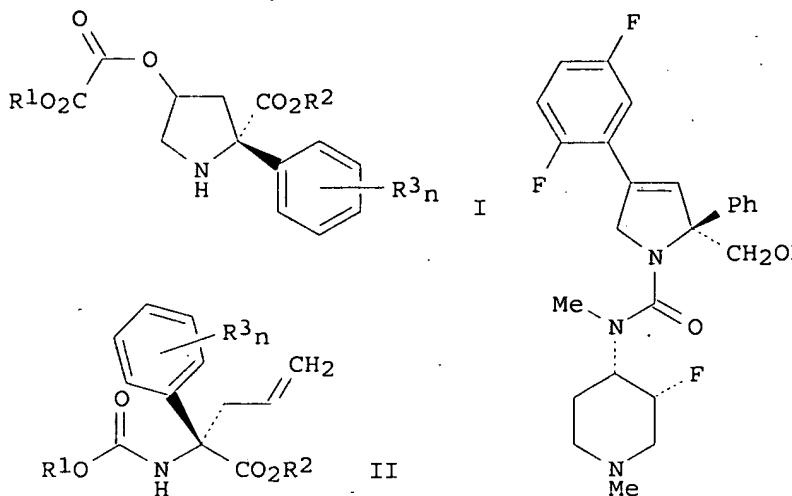
L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:1171050 CAPLUS
 DOCUMENT NUMBER: 143:440255
 TITLE: A process for the preparation of 2,2-disubstituted pyrroles
 INVENTOR(S): Javadi, Gary; Karady, Sandor; Maeda, Kenji; Miller, Ross A.; Szumigala, Ronald H.
 PATENT ASSIGNEE(S): Merck & Co., Inc., USA
 SOURCE: PCT Int. Appl., 48 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005102996	A2	20051103	WO 2005-US13630	20050415
WO 2005102996	A3	20060119		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2004-563583P P 20040419

OTHER SOURCE(S): MARPAT 143:440255

GI



AB A process for the prepn. of title compds. of formula I [R1, R2 = independently (un)substituted (cyclo)alkyl, aryl or heterocyclyl; R3 = H, halo, cyano, hydroxy, etc.; n = 1 or 2] comprising reacting a compd. of formula II (R1-R3 and n are defined as above) with a halogenating agent in an aq. solvent is disclosed. For example, III was provided in a multi-step synthesis starting from (R)-2-phenylglycine. The crystal structure of (3R,4S)-3-fluoro-N,1-dimethylpiperidin-4-amine.bul.2HCl was also obtained. I are useful as intermedes in the prepn. of 2,2,4-trisubstituted 2,5-dihydropyrroles, that are inhibitors of mitotic kinesin (no data).

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:182653 CAPLUS

DOCUMENT NUMBER: 142:280064

TITLE: Preparation of dihydropyrrolecarboxamides as mitotic kinesin inhibitors for treating cancer

INVENTOR(S): Coleman, Paul J.; Cox, Christopher D.; Garbaccio, Robert M.; Hartman, George D.

PATENT ASSIGNEE(S): Merck & Co., Inc., USA

SOURCE: PCT Int. Appl., 187 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

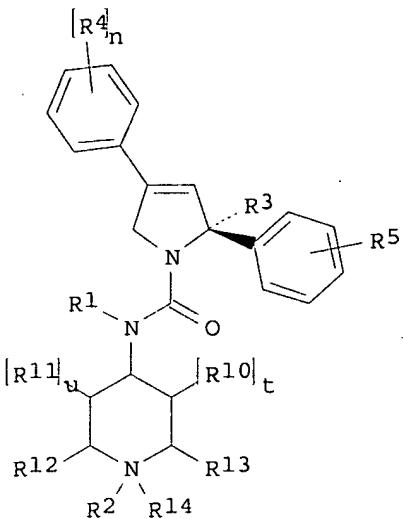
FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

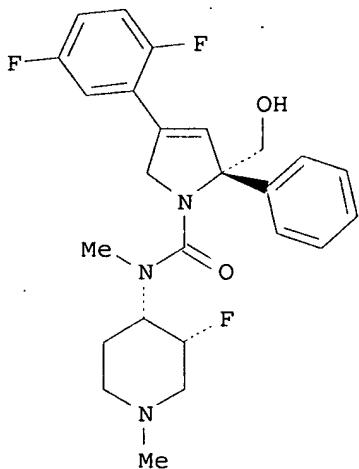
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WO 2005019206	A1	20050303	WO 2004-US26012	20040811
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US 2005043357	A1	20050224	US 2004-915743	20040811
AU 2004266232	A1	20050303	AU 2004-266232	20040811
CA 2534065	AA	20050303	CA 2004-2534065	20040811

EP 1664026	A1	20060607	EP 2004-780791	20040811
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CN 1839128	A	20060927	CN 2004-80023309	20040811
BR 2004013580	A	20061017	BR 2004-13580	20040811
US 2006234984	A1	20061019	US 2006-567676	20060209
NO 2006001194	A	20060505	NO 2006-1194	20060314
PRIORITY APPLN. INFO.:				
			US 2003-495637P	P 20030815
			US 2004-563580P	P 20040419
			US 2003-512680P	P 20031020
			US 2004-563586P	P 20040419
			WO 2004-US25980	W 20040811
			WO 2004-US26012	W 20040811

OTHER SOURCE(S): MARPAT 142:280064
GI



I



II

AB The present invention relates to dihydropyrrole compds. I [R1, R2 = H, alkyl, aryl, etc.; R3 = H, alkyl, CH2OH, etc.; R4 = CO2H, halo, CN, etc.; R5 = H, halo, CN, etc.; R10, R11 = F, CH2F; R12, R13 = H, CH2F; R14 = absent, oxo; n = 0-3; t = 0-2; u = 0-1] that are useful for treating cellular proliferative diseases, for treating disorders assocd. with KSP kinesin activity, and for inhibiting KSP kinesin. E.g., a multi-step synthesis of II, which showed an IC50 of .1toreq. 50 .mu.M in kinesin ATPase in vitro assay, was given. The invention is also related to compns. which comprise these compds. I, and methods of using them to treat cancer in mammals.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:177831 CAPLUS

DOCUMENT NUMBER: 142:280071

TITLE: Preparation of dihydropyrrolecarboxamides as mitotic kinesin inhibitors for treating cancer

INVENTOR(S): Coleman, Paul J.; Cox, Christopher D.

PATENT ASSIGNEE(S): Merck & Co., Inc., USA

SOURCE: PCT Int. Appl., 177 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005018547	A2	20050303	WO 2004-US25964	20040811
WO 2005018547	A3	20050915		
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EP 1656146	A2	20060517	EP 2004-780749	20040811
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PRIORITY APPLN. INFO.:			US 2003-495735P	P 20030815
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OTHER SOURCE(S): MARPAT 142:280071

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The present invention relates to dihydropyrrole compds. I [R1, R2 = H, alkyl, aryl, etc.; R3 = H, alkyl, CH2OH, etc.; R4 = CO2H, halo, CN, etc.; R5 = H, halo, CN, etc.; R10 = H, F; R11, R12 = F, CH2F; R13, R14 = H, CH2F; R15 = absent, oxo; n = 0-3; t, u = 0-2] that are useful for treating cellular proliferative diseases, for treating disorders assocd. with KSP kinesin activity, and for inhibiting KSP kinesin. E.g., a multi-step synthesis of a mixt. of II and III, which showed an IC50 of .1toreq. 50 .mu.M in kinesin ATPase in vitro assay, was given. Over 260 compds. I were claimed. The invention is also related to compns. which comprise these compds. I, and methods of using them to treat cancer in mammals.

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:158826 CAPLUS

DOCUMENT NUMBER: 142:261392

TITLE: Preparation of pyrrole derivatives as mitotic kinesin inhibitors

INVENTOR(S): Coleman, Paul J.; Cox, Christopher D.

PATENT ASSIGNEE(S): Merck & Co., Inc., USA

SOURCE: PCT Int. Appl., 98 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

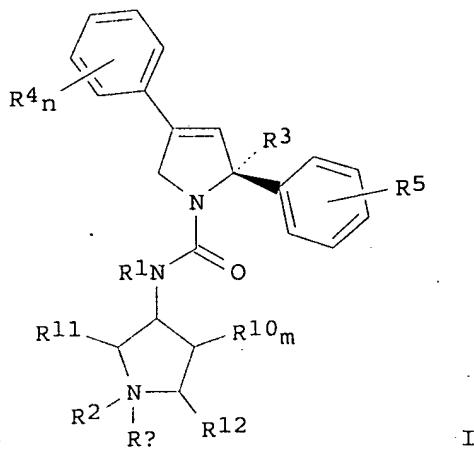
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WO 2005017190	A2	20050224	WO 2004-US26242	20040811
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 SN, TD, TG
 AU 2004264533 A1 20050224 AU 2004-264533 20040811
 CA 2534729 AA 20050224 CA 2004-2534729 20040811
 EP 1656133 A2 20060517 EP 2004-780997 20040811
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 CN 1835746 A 20060920 CN 2004-80023308 20040811
 PRIORITY APPLN. INFO.: US 2003-495466P P 20030815
 WO 2004-US26242 W 20040811

OTHER SOURCE(S):

MARPAT 142:261392

GI



AB Title compds. represented by the formula I [wherein R1, R2 = independently H, (un)substituted (cyclo)alkyl, aryl, heterocyclyl; R3 = H, alkyl(hydroxy), alkenyloxyalkyl, etc.; R4 = independently (carbonyl)(oxy)alkyl, carboxy, OH, etc.; R5 = H, halo, CN, etc.; R10 = F or CH2F; R11, R12 = independently H or CH2F; Rx = absent or oxo; m = 0-2; n = 0-3; and pharmaceutically acceptable salts or stereoisomers thereof] were prep'd. as mitotic kinesin inhibitors (no data). For example, I (R1 = R2 = Me, R3 = CH2OH, R4 = 2,4-F2, R5 = R10 = R12 = H, R11 = F, Rx = absent, n = 0) was given in a multi-step synthesis starting from .alpha.-allyl-.alpha.-phenylglycine Et ester. The title compds. and their pharmaceutical compns. are useful as mitotic kinesin inhibitors, esp. KSP kinesin inhibitors, for the treatment of cellular proliferative diseases and disorders assoc'd. with KSP kinesin activity, such as cancer in mammals (no data).

L4 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:140806 CAPLUS

DOCUMENT NUMBER: 142:240324

TITLE: A preparation of pyrrolecarboxamide derivatives, useful as mitotic kinesin inhibitors

INVENTOR(S): Coleman, Paul J.; Cox, Christopher D.; Garbaccio, Robert M.; Hartman, George D.
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 52 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005038074	A1	20050217	US 2004-916096	20040811
WO 2005019205	A1	20050303	WO 2004-US25980	20040811
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
BR 2004013580	A	20061017	BR 2004-13580	20040811
NO 2006001194	A	20060505	NO 2006-1194	20060314
PRIORITY APPLN. INFO.: US 2003-495637P P 20030815 US 2003-512680P P 20031020 US 2004-563586P P 20040419 WO 2004-US25980 W 20040811				

OTHER SOURCE(S): CASREACT 142:240324; MARPAT 142:240324
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to a prepn. of pyrrolecarboxamide derivs. of formula I [wherein: R1 is H, alkyl, aryl, or heterocyclyl, etc.; R2 is 4-piperidinyl deriv.; R3 is H, alkyl, alkdiyl-OH, alkdiyl-O-alkyl, or alk(en/yn)diyl-C(O)-NH2, etc.; R4 is CO2H, halogen, CN, or OH, etc.; R5 is H, CO2H, CN, halogen, or OP(:O)(OH)2, etc.], useful for treating cellular proliferative diseases, for treating disorders assocd. with KSP kinesin activity, and for inhibiting KSP kinesin. The invention is also related to compns. which comprise these compds., and methods of using them to treat cancer in mammals. For instance, pyrrolecarboxamide deriv. II (kinesin ATPase in vitro assay: IC50 < 50 .mu.M) was prep'd. via amidation of carbamoyl chloride III by amine IV (conversion of III to the product was >98%).

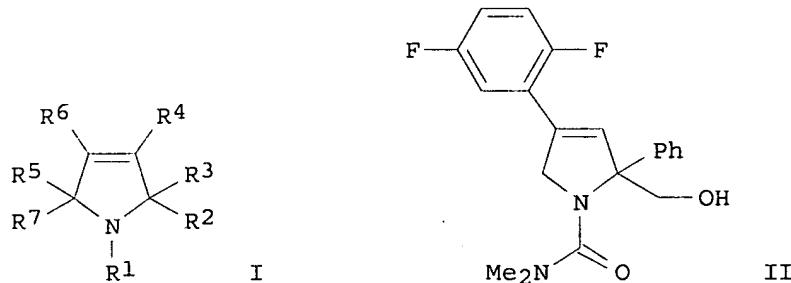
L4 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:368866 CAPLUS
 DOCUMENT NUMBER: 140:391193
 TITLE: Preparation of dihydropyrroles as mitotic kinesin inhibitors for treating cellular proliferative diseases
 INVENTOR(S): Breslin, Michael J.; Coleman, Paul J.; Cox, Christopher D.; Hartman, George D.; Mariano, Brenda J.
 PATENT ASSIGNEE(S): Merck & Co., Inc., USA
 SOURCE: PCT Int. Appl., 178 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent

LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

Current app.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037171	A2	20040506	WO 2003-US32405	20031014
WO 2004037171	A3	20040708		
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CA 2500848	AA	20040506	CA 2003-2500848	20031014
AU 2003287057	A1	20040513	AU 2003-287057	20031014
EP 1556052	A2	20050727	EP 2003-777578	20031014
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JP 2006506456	T2	20060223	JP 2005-501618	20031014
US 2006100191	A1	20060511	US 2005-531495	20050415
PRIORITY APPLN. INFO.:			US 2002-419570P	P 20021018
			US 2003-479712P	P 20030619
			WO 2003-US32405	W 20031014

OTHER SOURCE(S): MARPAT 140:391193
 GI



AB Title compds. I [wherein R1 = (un)substituted acyl(alkyl), carbamoyl(alkyl), sulfamoyl(alkyl), aryl, heterocyclyl, alkyl, etc.; R2 and R6 = independently (un)substituted aryl(alkyl), cycloalkyl, or heterocyclyl; R3 = (un)substituted alkoxyalk(en/yn)yl, carbamoylalk(en/yn)yl, alkylsulfonylalk(en/yn)yl, etc.; R4, R5, and R7 = independently H or (un)substituted (cyclo)alkyl, alkenyl, alkynyl, perfluoroalkyl, arylalkyl, or heterocyclyl; or R5 and R7 are combined to form an oxo or sulfoxo; or pharmaceutically acceptable salt of stereoisomer thereof] were prep'd. for treating cellular proliferative diseases, for treating disorders assocd. with KSP kinesin activity, and for inhibiting KSP kinesin. The invention is also related to compns. which comprise these compds., and methods of using them to treat cancer (no data). For instance, palladium catalyzed Suzuki coupling of 7a-phenyldihydro-1H-pyrrolo[1,2-c][1,3]oxazole-3,6(5H)-dione (multi-step prepn. given) and 2,5-difluorophenylboronic acid afforded 6-(2,5-difluorophenyl)-7a-phenyl-5,7a-dihydro-1H-pyrrolo[1,2-c][1,3]oxazol-3-one. The pyrrolooxazolone was treated with NaOH in EtOH to give the (hydroxymethyl)pyrrole, which was O-protected with tert-butyldimethylsilyl chloride. Reaction of the pyrrole with triphosgene and dimethylamine,

followed by deprotection using triethylamine trihydrofluoride in MeCN provided II. In a kinesin ATPase assay using a human KSP motor domain construct and microtubules from bovine brain tubulin, example compds. inhibited the ATPase hydrolysis reaction with IC50 .ltoreq. 50 .mu.M.

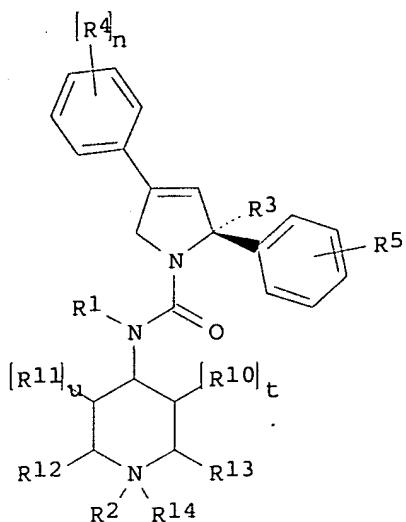
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L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:182653 CAPLUS
 DOCUMENT NUMBER: 142:280064
 TITLE: Preparation of dihydropyrrolecarboxamides as mitotic
 kinesin inhibitors for treating cancer
 INVENTOR(S): Coleman, Paul J.; Cox, Christopher D.; Garbaccio,
 Robert M.; Hartman, George D.
 PATENT ASSIGNEE(S): Merck & Co., Inc., USA
 SOURCE: PCT Int. Appl., 187 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

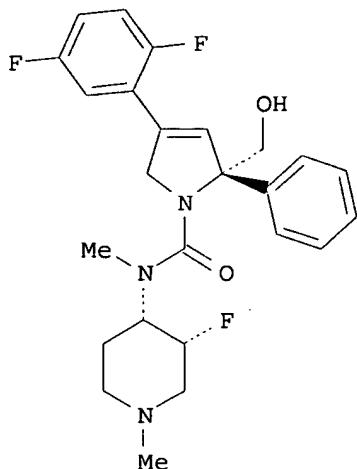
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005019206	A1	20050303	WO 2004-US26012	20040811
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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US 2005043357	A1	20050224	US 2004-915743	20040811
AU 2004266232	A1	20050303	AU 2004-266232	20040811
CA 2534065	AA	20050303	CA 2004-2534065	20040811
EP 1664026	A1	20060607	EP 2004-780791	20040811
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR				
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BR 2004013580	A	20061017	BR 2004-13580	20040811
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			US 2004-563586P	P 20040419
			WO 2004-US25980	W 20040811
			WO 2004-US26012	W 20040811

OTHER SOURCE(S): MARPAT 142:280064

GI



I



II

AB The present invention relates to dihydropyrrrole compds. I [R1, R2 = H, alkyl, aryl, etc.; R3 = H, alkyl, CH₂OH, etc.; R4 = CO₂H, halo, CN, etc.; R5 = H, halo, CN, etc.; R10, R11 = F, CH₂F; R12, R13 = H, CH₂F; R14 = absent, oxo; n = 0-3; t = 0-2; u = 0-1] that are useful for treating cellular proliferative diseases, for treating disorders assocd. with KSP kinesin activity, and for inhibiting KSP kinesin. E.g., a multi-step synthesis of II, which showed an IC₅₀ of .1toreq. 50 μM in kinesin ATPase in vitro assay, was given. The invention is also related to compns. which comprise these compds. I, and methods of using them to treat cancer in mammals.

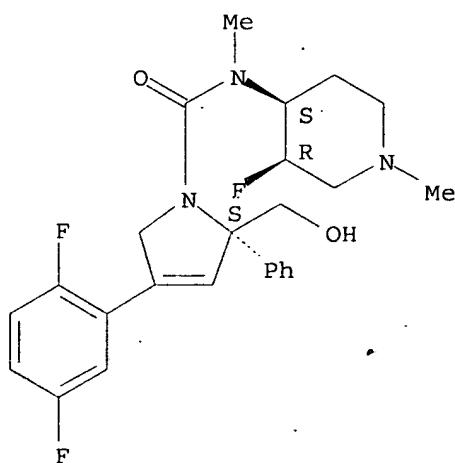
IT 845256-65-7P

RL: PAC (Pharmacological activity); PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(prepn. of dihydropyrrolecarboxamides as mitotic kinesin inhibitors for treating or preventing cancer)

RN 845256-65-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4S)-3-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

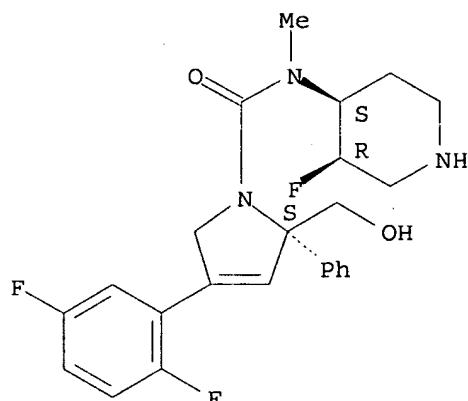


IT 845256-78-2P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(prepn. of dihydropyrrolecarboxamides as mitotic kinesin inhibitors for treating or preventing cancer)

RN 845256-78-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4S)-3-fluoro-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT	845256-66-8P	845256-67-9P	845256-69-1P
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	845256-82-8P	845256-83-9P	845256-84-0P
	845256-87-3P	847041-29-6P	847041-35-4P
	847041-36-5P	847041-37-6P	847041-38-7P
	847041-39-8P	847041-40-1P	847041-41-2P
	847041-42-3P	847041-43-4P	847041-44-5P
	847041-45-6P	847041-46-7P	847041-47-8P
	847041-48-9P	847041-49-0P	847041-50-3P
	847041-51-4P	847041-52-5P	847041-53-6P
	847041-56-9P	847041-57-0P	847041-59-2P
	847041-71-8P	847041-72-9P	847041-73-0P
	847041-76-3P	847041-78-5P	847041-79-6P
	847041-80-9P	847041-81-0P	847041-82-1P
	847041-83-2P	847041-84-3P	847041-85-4P
	847041-86-5P	847041-87-6P	847041-88-7P
	847041-89-8P	847041-90-1P	847041-91-2P
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

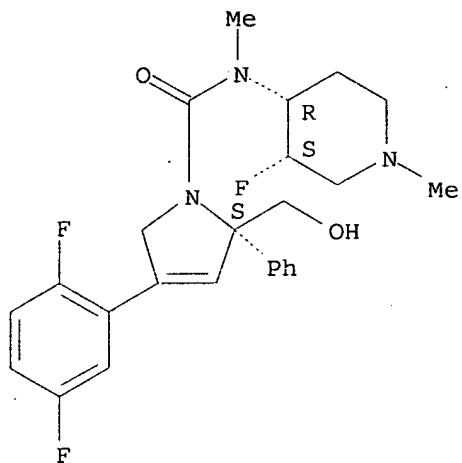
(prepn. of dihydropyrrolecarboxamides as mitotic kinesin inhibitors for

treating or preventing cancer)

RN 845256-66-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4R)-3-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

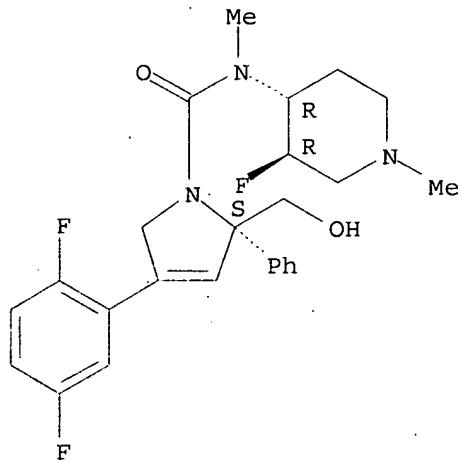
Absolute stereochemistry.



RN 845256-67-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4R)-3-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

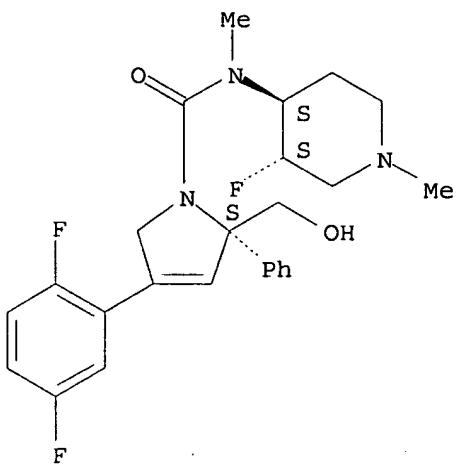
Absolute stereochemistry.



RN 845256-69-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4S)-3-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

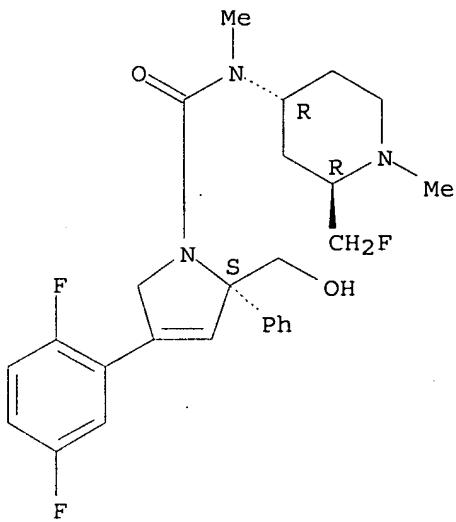
Absolute stereochemistry.



RN 845256-76-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(2R,4R)-2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

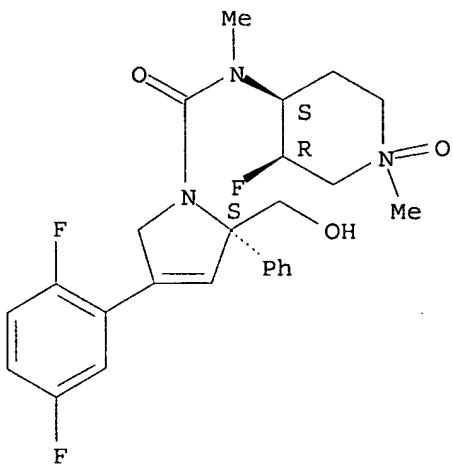
Absolute stereochemistry.



RN 845256-77-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4S)-3-fluoro-1-methyl-1-oxido-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

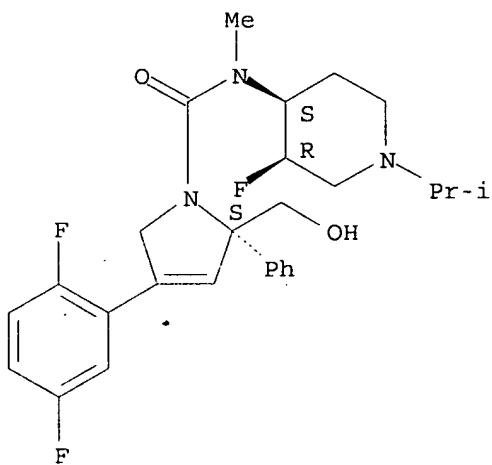
Absolute stereochemistry.



RN 845256-81-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4S)-3-fluoro-1-(1-methylethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

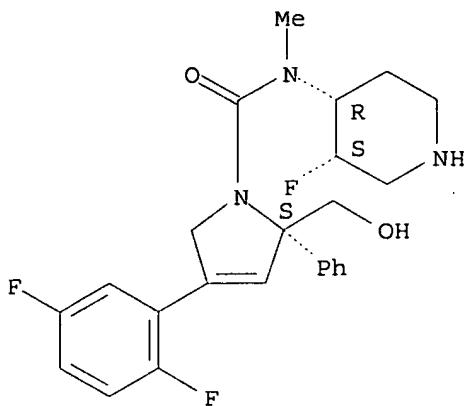
Absolute stereochemistry.



RN 845256-82-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4R)-3-fluoro-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

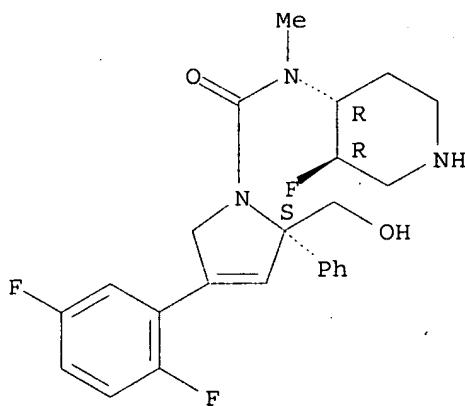
Absolute stereochemistry.



RN 845256-83-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4R)-3-fluoro-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI)
(CA INDEX NAME)

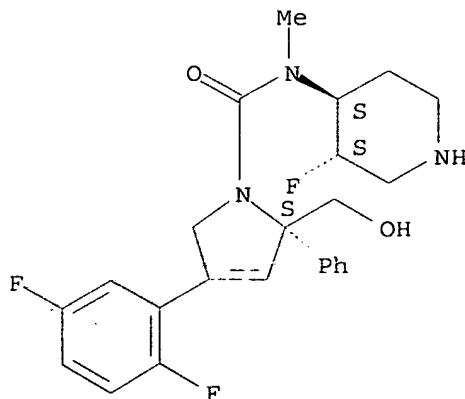
Absolute stereochemistry.



RN 845256-84-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4S)-3-fluoro-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI)
(CA INDEX NAME)

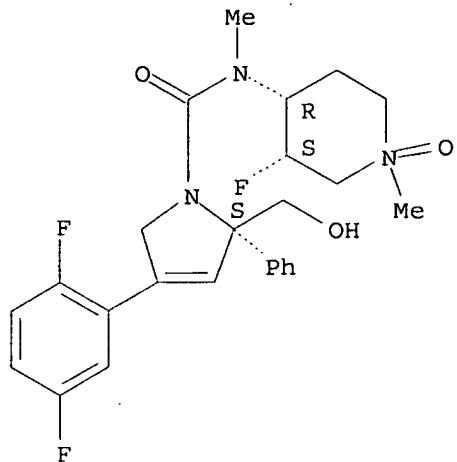
Absolute stereochemistry.



RN 845256-87-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4R)-3-fluoro-1-methyl-1-oxido-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

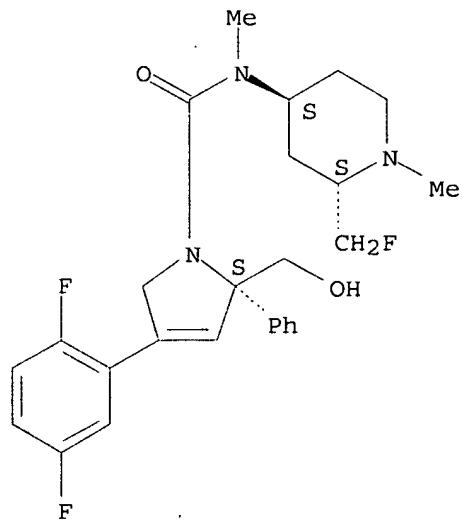
Absolute stereochemistry.



RN 847041-29-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(2S,4S)-2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

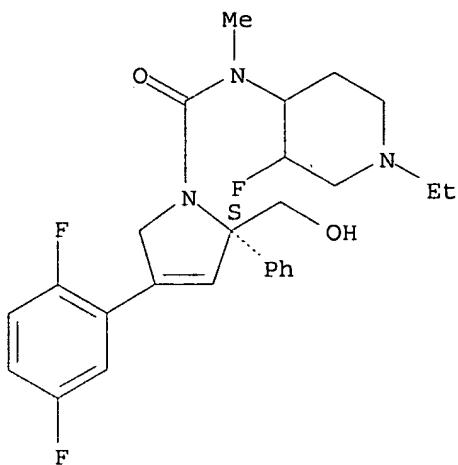
Absolute stereochemistry.



RN 847041-35-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(1-ethyl-3-fluoro-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

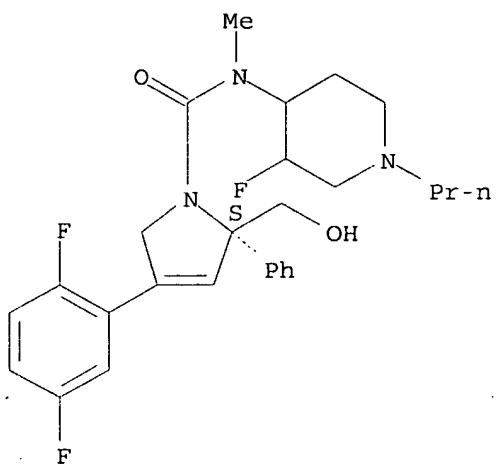
Absolute stereochemistry.



RN 847041-36-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-propyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

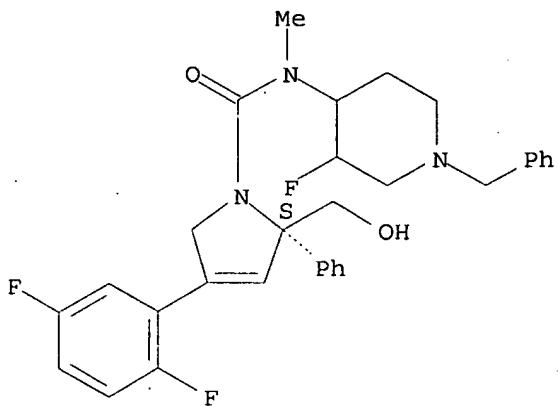
Absolute stereochemistry.



RN 847041-37-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(phenylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

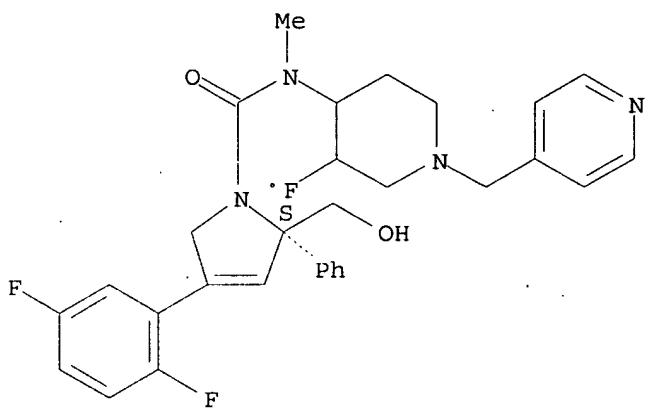
Absolute stereochemistry.



RN 847041-38-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(4-pyridinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

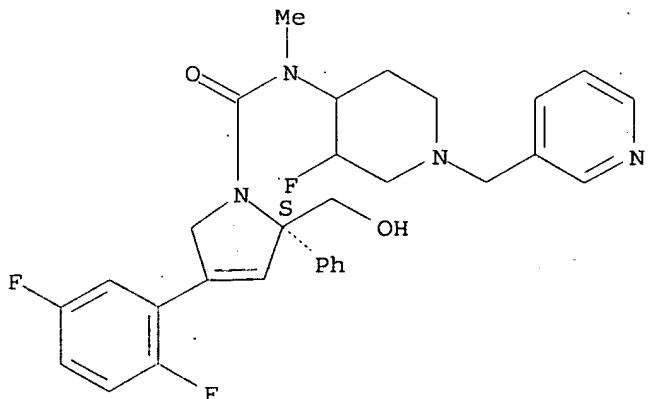
Absolute stereochemistry.



RN 847041-39-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(3-pyridinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

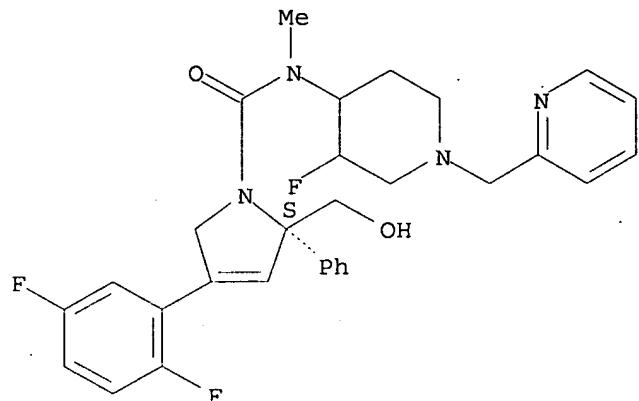
Absolute stereochemistry.



RN 847041-40-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(2-pyridinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

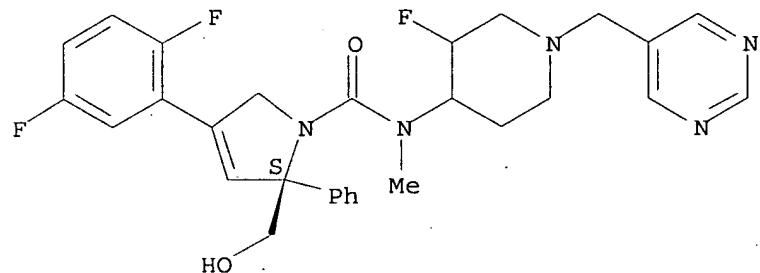
Absolute stereochemistry.



RN 847041-41-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(5-pyrimidinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

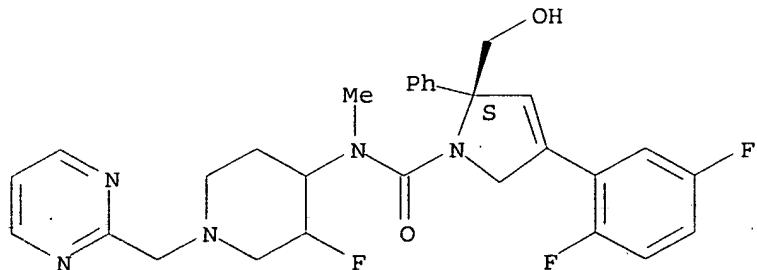
Absolute stereochemistry.



RN 847041-42-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(2-pyrimidinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

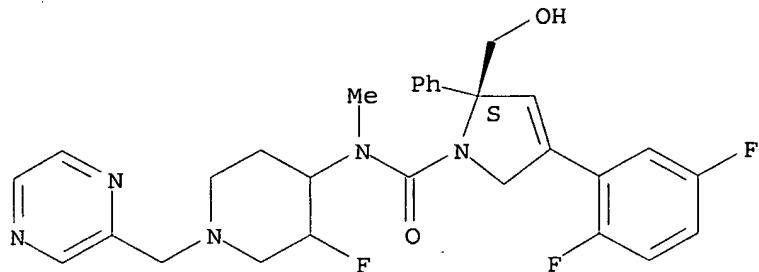


RN 847041-43-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-

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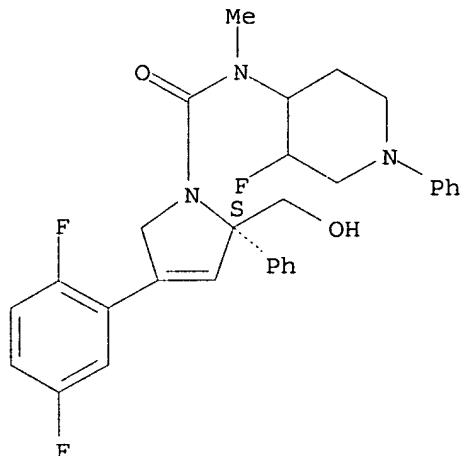
Absolute stereochemistry.



RN 847041-44-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-phenyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

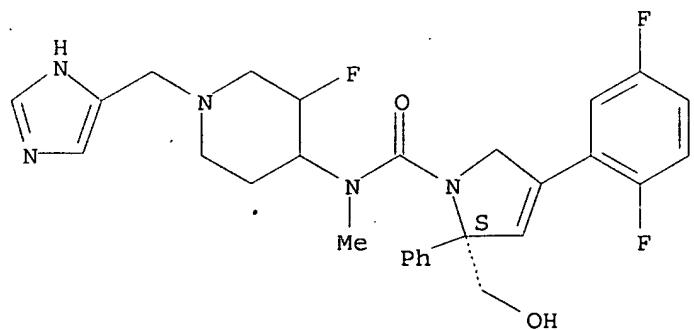
Absolute stereochemistry.



RN 847041-45-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(1H-imidazol-4-ylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

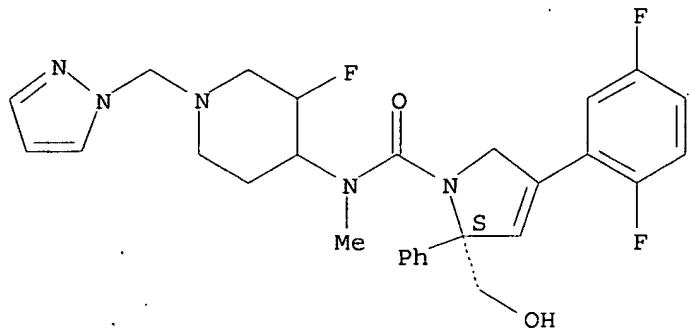
Absolute stereochemistry.



RN 847041-46-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(1H-pyrazol-1-ylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

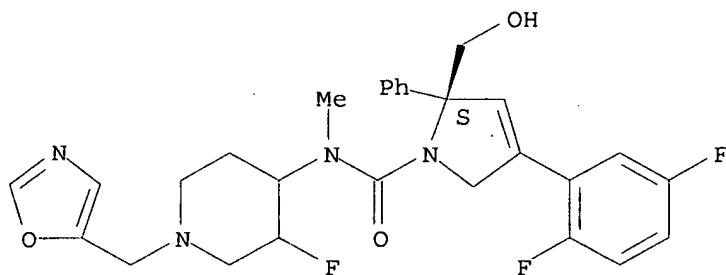
Absolute stereochemistry.



RN 847041-47-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(5-oxazolylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

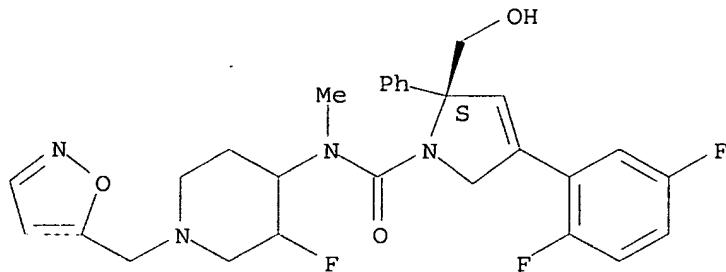
Absolute stereochemistry.



RN 847041-48-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(5-isoxazolylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

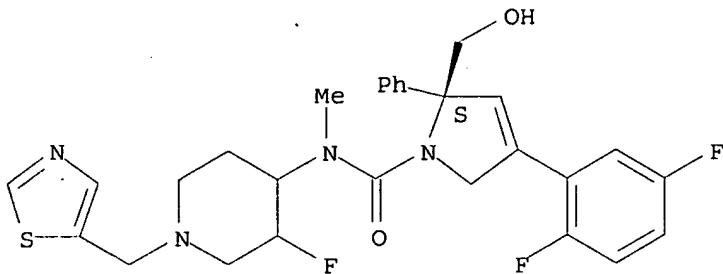
Absolute stereochemistry.



RN 847041-49-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-(5-thiazolylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

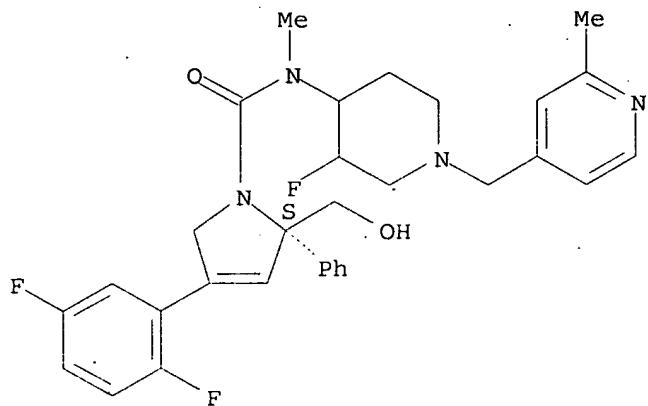
Absolute stereochemistry.



RN 847041-50-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-[(2-methyl-4-pyridinyl)methyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

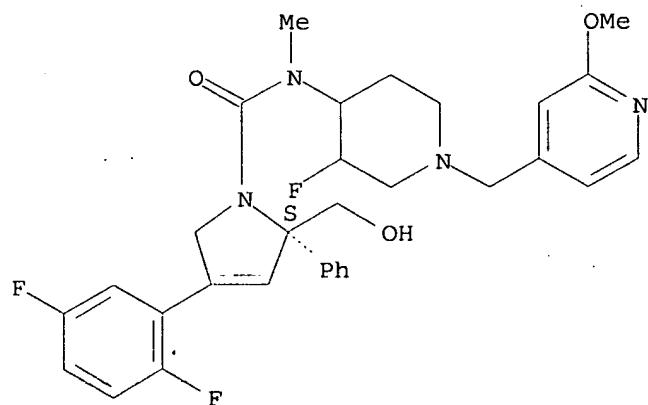
Absolute stereochemistry.



RN 847041-51-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-[(2-methoxy-4-pyridinyl)methyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

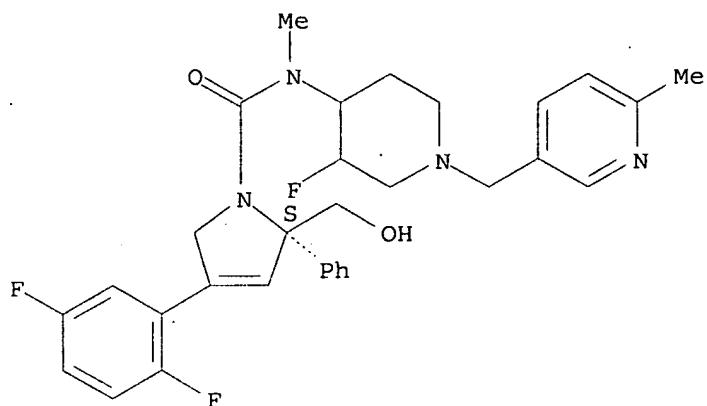


RN 847041-52-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-[(6-methyl-3-pyridinyl)methyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-

2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

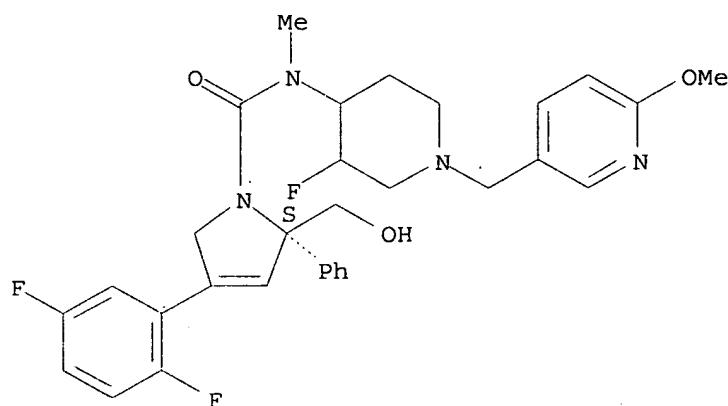
Absolute stereochemistry.



RN 847041-53-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[3-fluoro-1-[(6-methoxy-3-pyridinyl)methyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

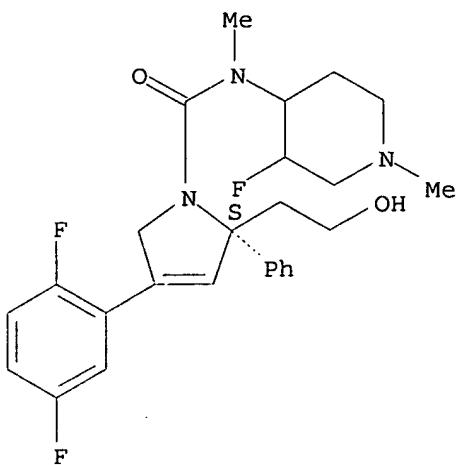
Absolute stereochemistry.



RN 847041-56-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(2-hydroxyethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

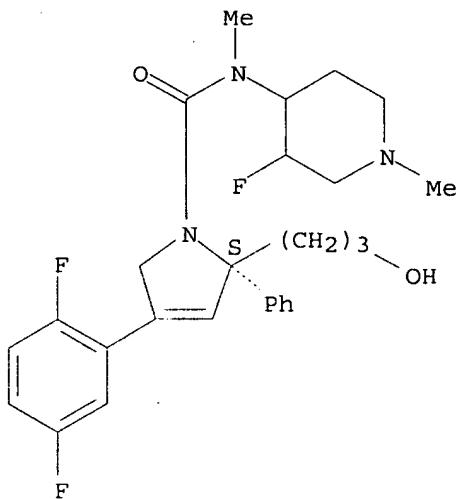
Absolute stereochemistry.



RN 847041-57-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(3-hydroxypropyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

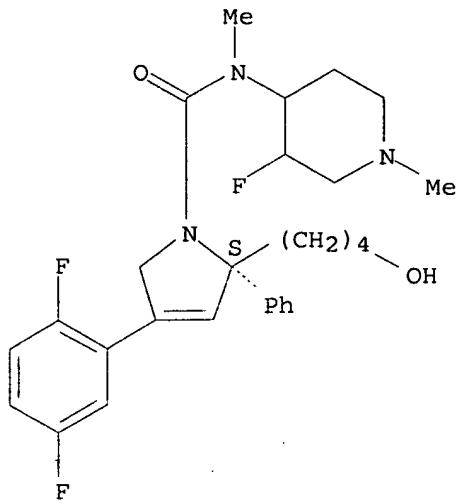
Absolute stereochemistry.



RN 847041-59-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(4-hydroxybutyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

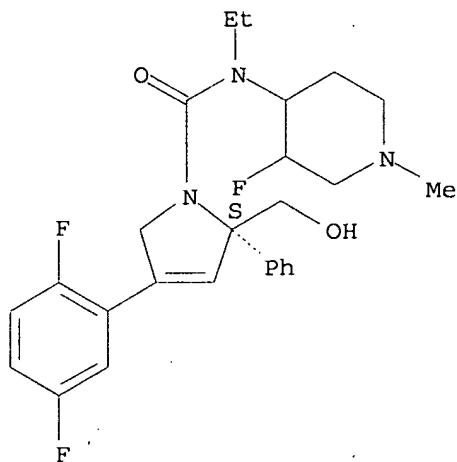
Absolute stereochemistry.



RN 847041-71-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-ethyl-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI)
(CA INDEX NAME)

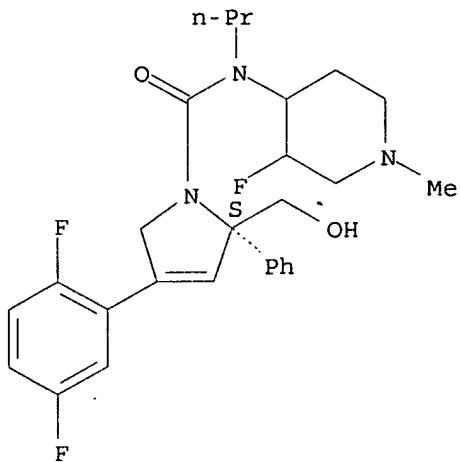
Absolute stereochemistry.



RN 847041-72-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-N-propyl-, (2S)- (9CI)
(CA INDEX NAME)

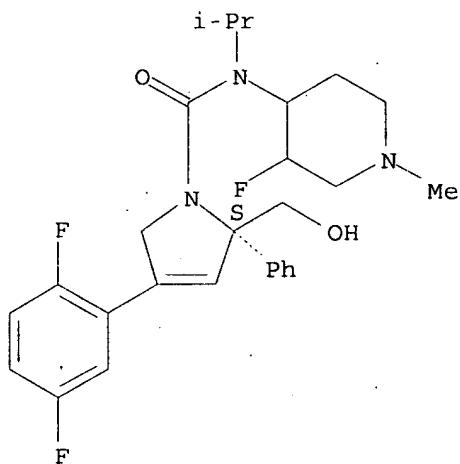
Absolute stereochemistry.



RN 847041-73-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-(1-methylethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

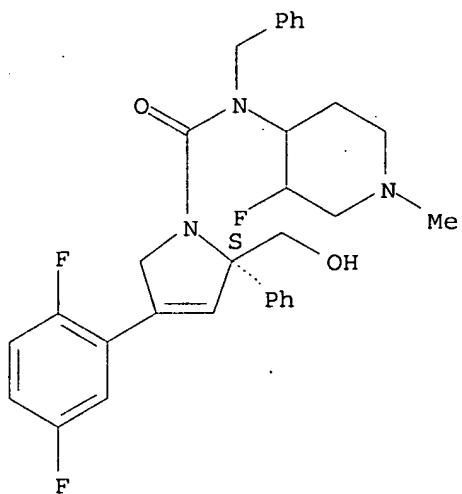
Absolute stereochemistry.



RN 847041-76-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-N-(phenylmethyl)-, (2S)- (9CI) (CA INDEX NAME)

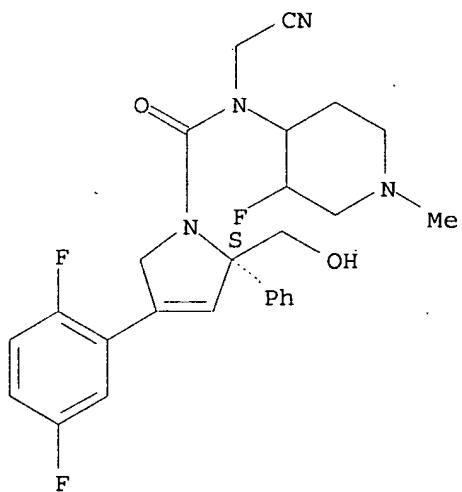
Absolute stereochemistry.



RN 847041-78-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(cyanomethyl)-4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

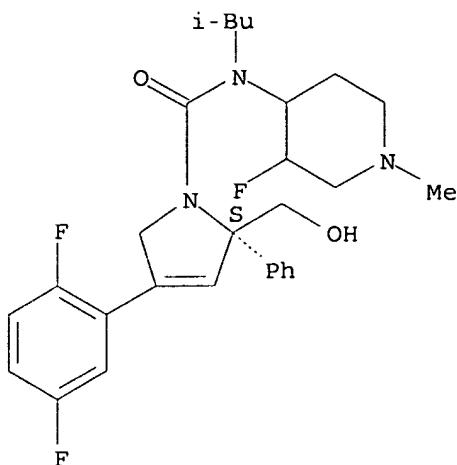
Absolute stereochemistry.



RN 847041-79-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-(2-methylpropyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

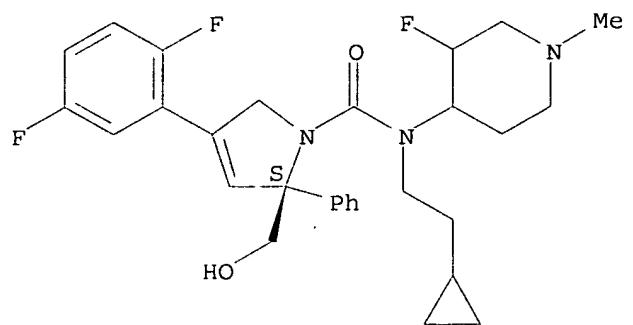
Absolute stereochemistry.



RN 847041-80-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(2-cyclopropylethyl)-4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

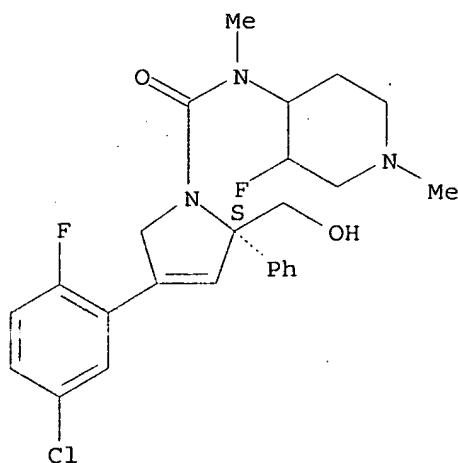
Absolute stereochemistry.



RN 847041-81-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-chloro-2-fluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

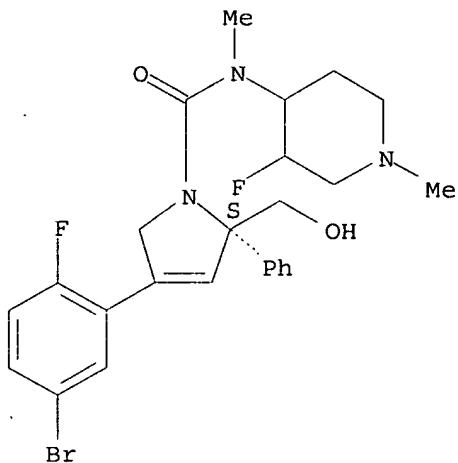
Absolute stereochemistry.



RN 847041-82-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-bromo-2-fluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

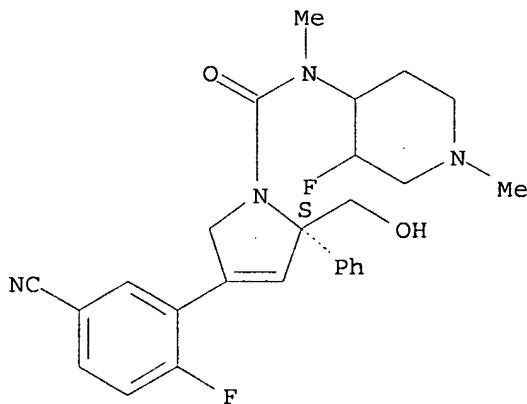
Absolute stereochemistry.



RN 847041-83-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-cyano-2-fluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

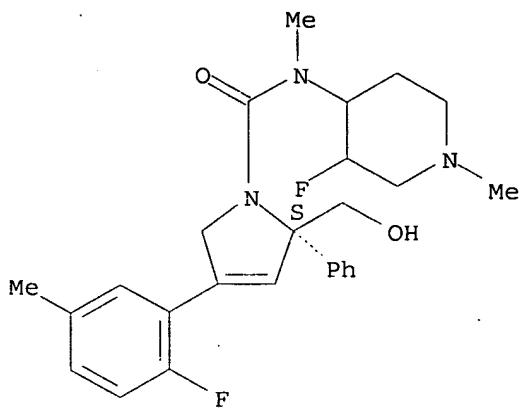
Absolute stereochemistry.



RN 847041-84-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2-fluoro-5-methylphenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

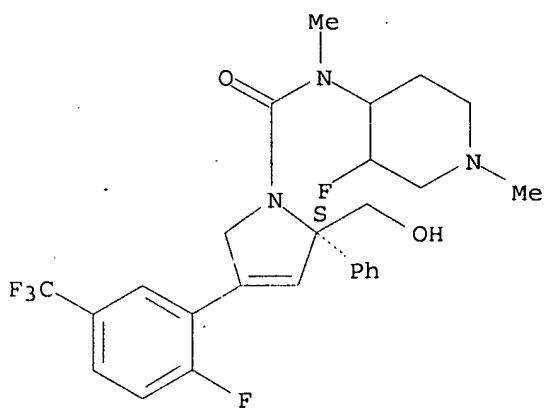
Absolute stereochemistry.



RN 847041-85-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(3-fluoro-1-methyl-4-piperidinyl)-4-[2-fluoro-5-(trifluoromethyl)phenyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

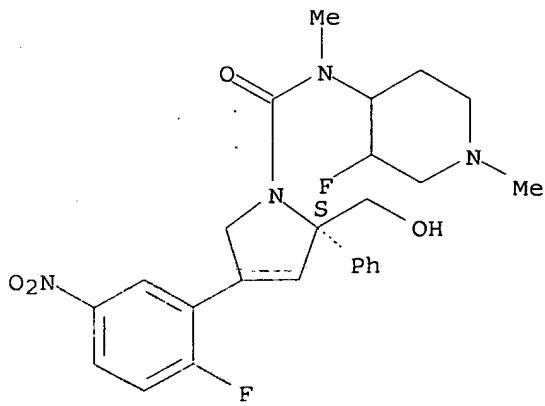
Absolute stereochemistry.



RN 847041-86-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(3-fluoro-1-methyl-4-piperidinyl)-4-(2-fluoro-5-nitrophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

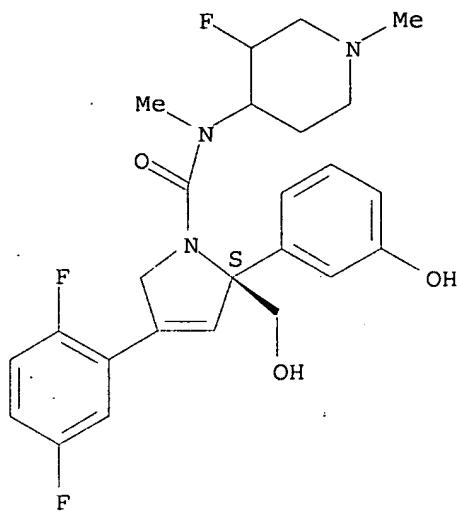
Absolute stereochemistry.



RN 847041-87-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-2-(3-hydroxyphenyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

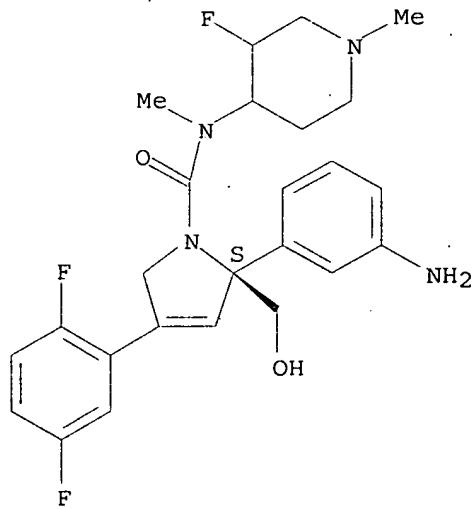
Absolute stereochemistry.



RN 847041-88-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 2-(3-aminophenyl)-4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

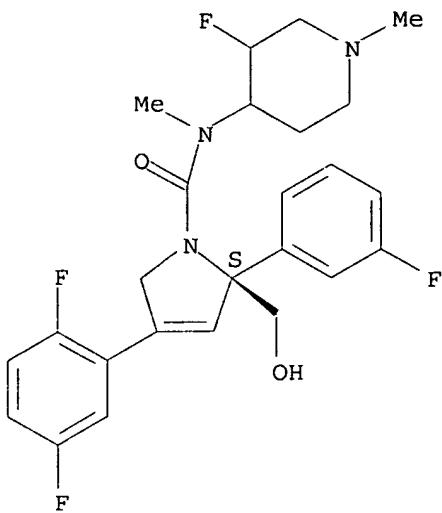
Absolute stereochemistry.



RN 847041-89-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2-(3-fluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

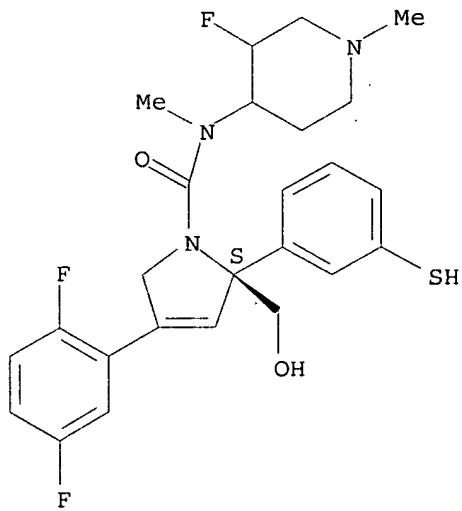
Absolute stereochemistry.



RN 847041-90-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-(3-fluoro-1-methyl-4-piperidinyl)-2,5-dihydro-2-(hydroxymethyl)-2-(3-mercaptophenyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

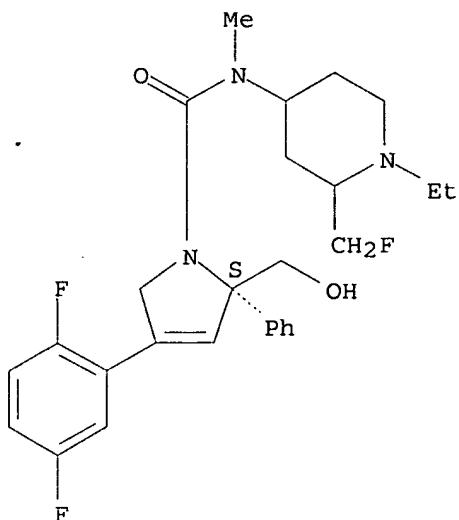
Absolute stereochemistry.



RN 847041-91-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[1-ethyl-2-(fluoromethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

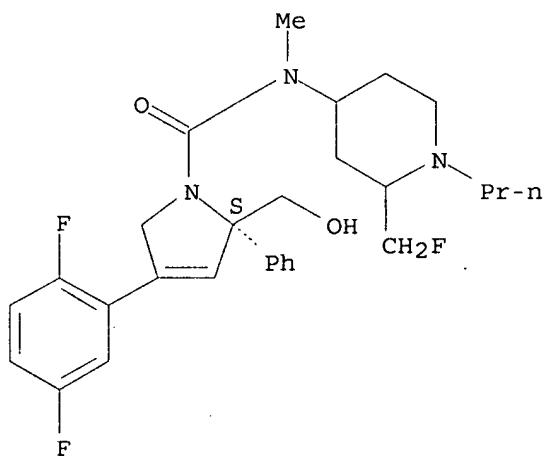
Absolute stereochemistry.



RN 847041-92-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-propyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

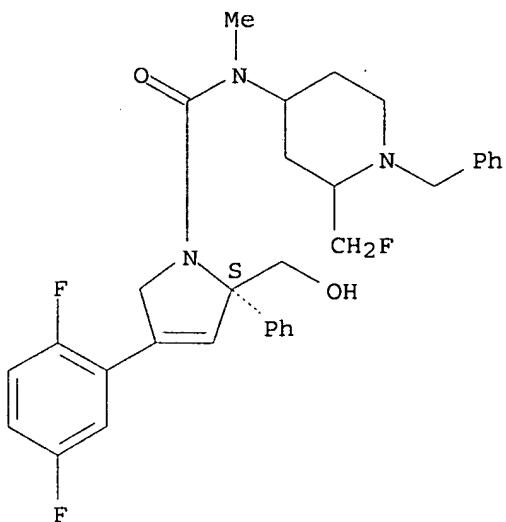
Absolute stereochemistry.



RN 847041-93-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(phenylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

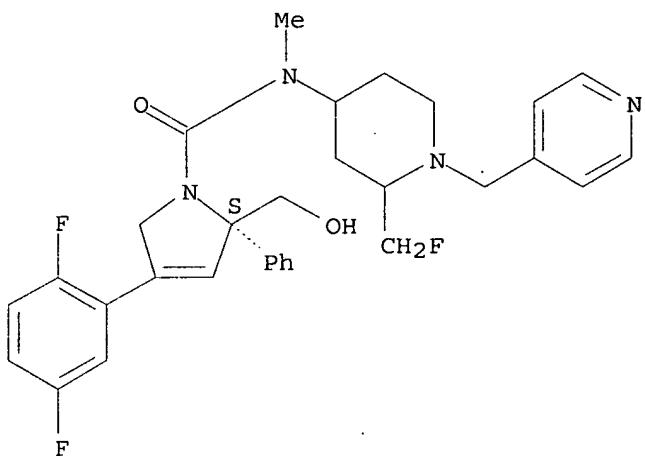
Absolute stereochemistry.



RN 847041-94-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(4-pyridinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

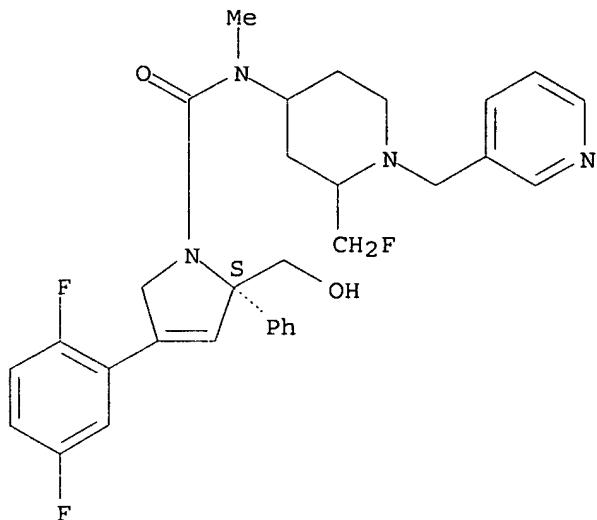
Absolute stereochemistry.



RN 847041-95-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(3-pyridinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

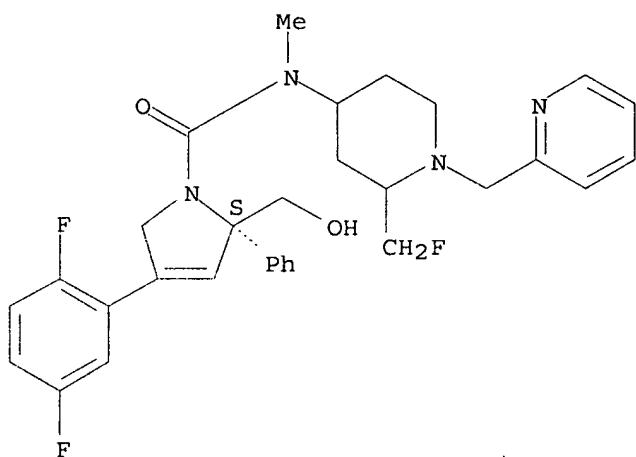
Absolute stereochemistry.



RN 847041-96-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(2-pyridinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

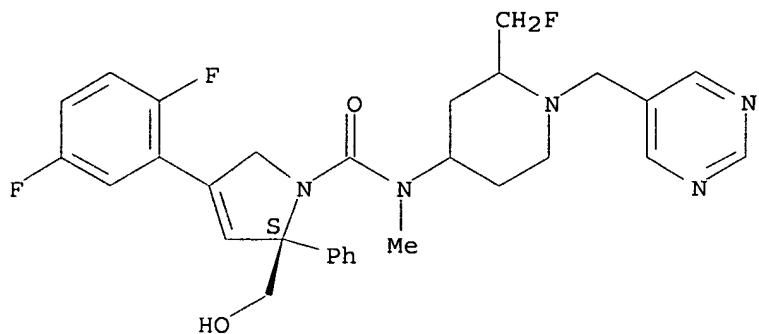
Absolute stereochemistry.



RN 847041-97-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(5-pyrimidinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

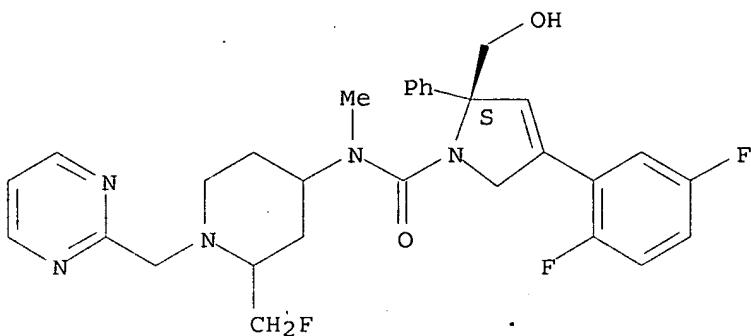
Absolute stereochemistry.



RN 847041-98-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(2-pyrimidinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

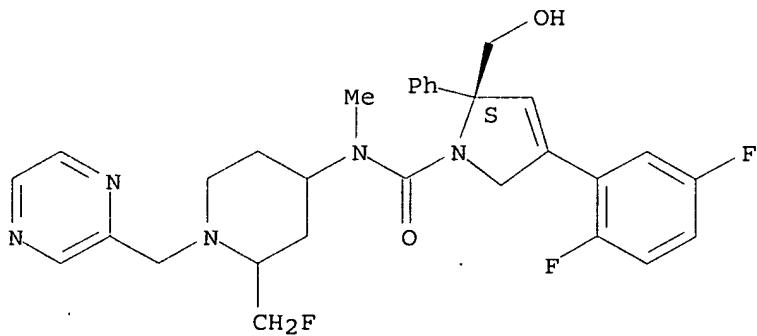
Absolute stereochemistry.



RN 847041-99-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(pyrazinylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

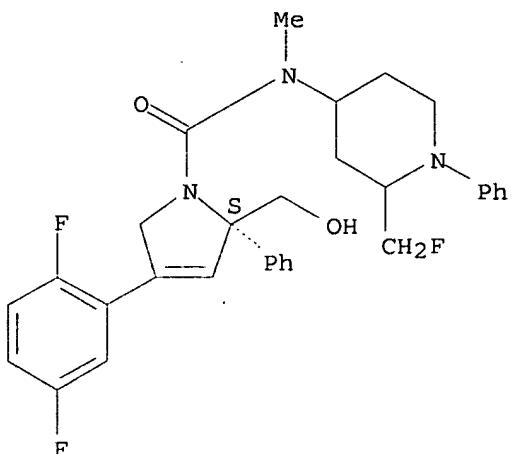
Absolute stereochemistry.



RN 847042-00-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-phenyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

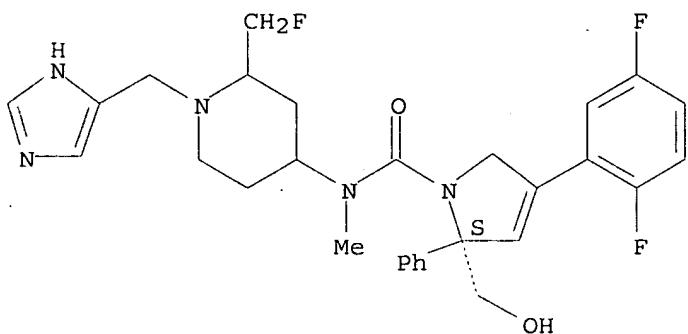
Absolute stereochemistry.



RN 847042-01-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(1H-imidazol-4-ylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

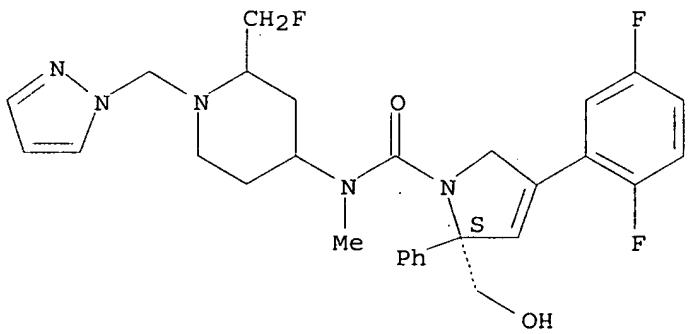
Absolute stereochemistry.



RN 847042-02-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(1H-pyrazol-1-ylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

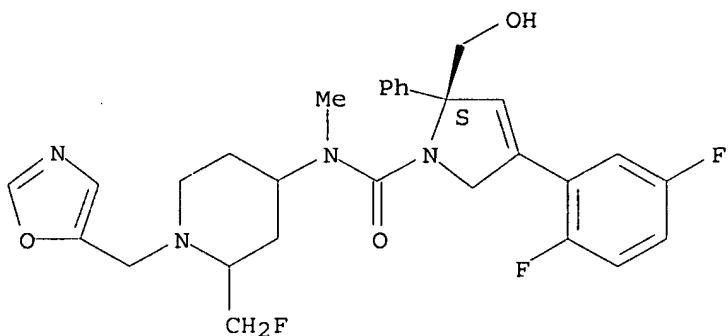
Absolute stereochemistry.



RN 847042-03-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(5-oxazolylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

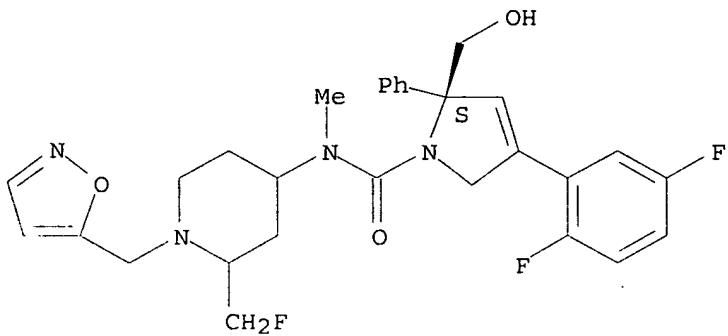
Absolute stereochemistry.



RN 847042-04-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(5-isoxazolylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

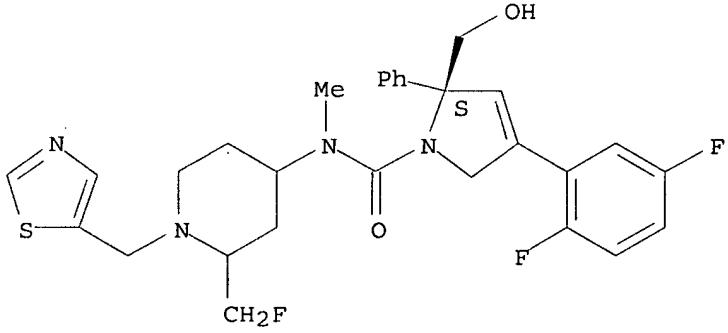
Absolute stereochemistry.



RN 847042-05-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-(5-thiazolylmethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

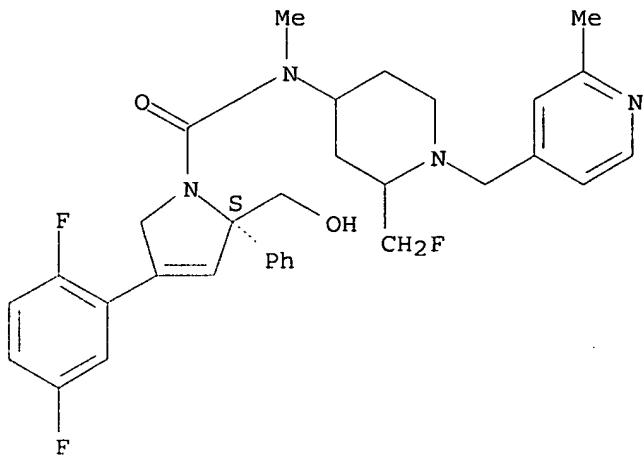
Absolute stereochemistry.



RN 847042-06-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-[(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-[(2-methyl-4-pyridinyl)methyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

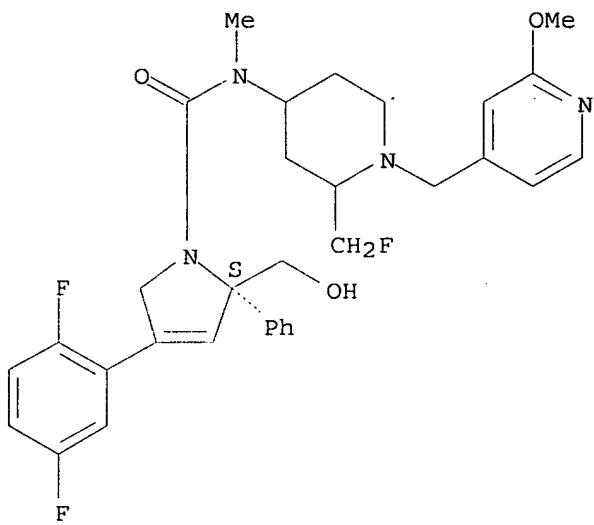
Absolute stereochemistry.



RN 847042-07-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-[(2,5-difluorophenyl)-N-[(2-methoxy-4-pyridinyl)methyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

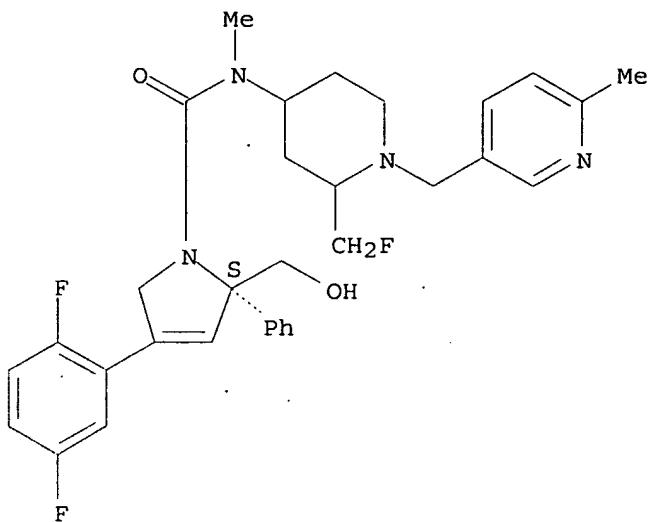
Absolute stereochemistry.



RN 847042-08-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-[(2,5-difluorophenyl)-N-[(2-methoxy-4-pyridinyl)methyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

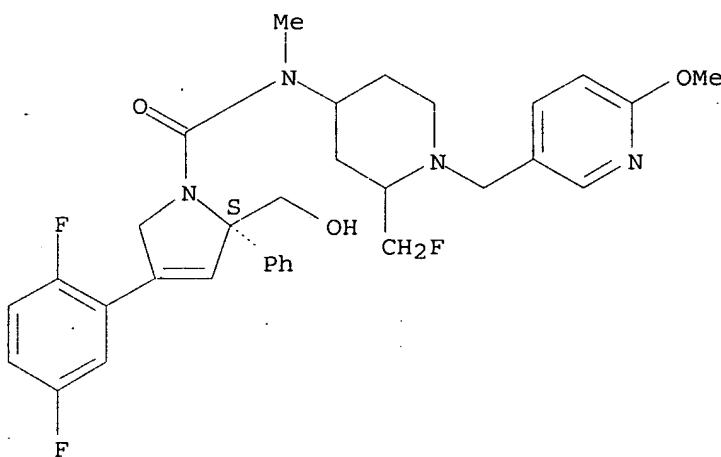
Absolute stereochemistry.



RN 847042-09-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-[(6-methoxy-3-pyridinyl)methyl]-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

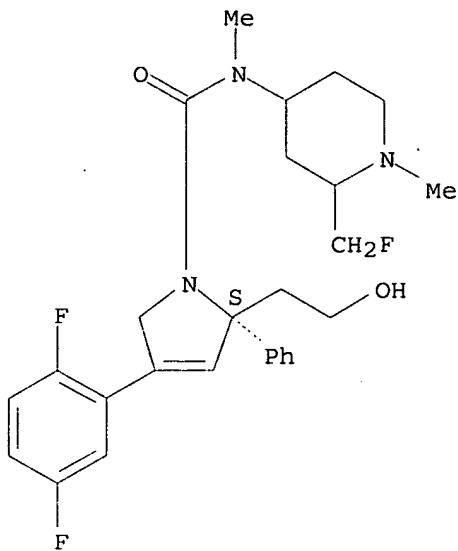
Absolute stereochemistry.



RN 847042-12-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(2-hydroxyethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

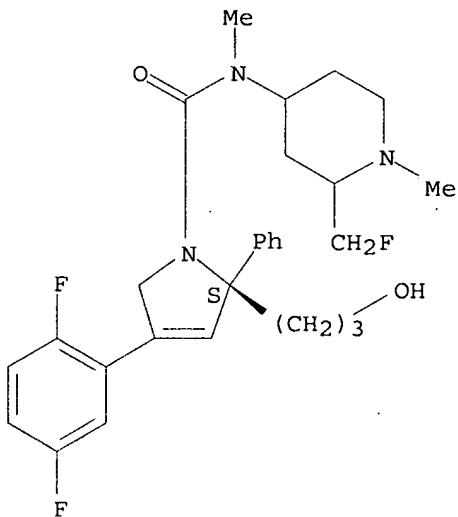
Absolute stereochemistry.



RN 847042-13-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(3-hydroxypropyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

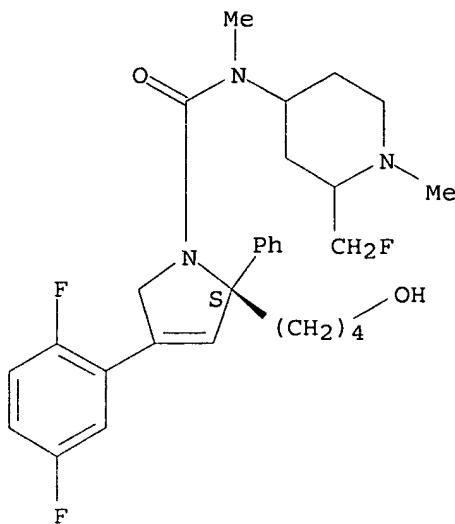
Absolute stereochemistry.



RN 847042-15-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(4-hydroxybutyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

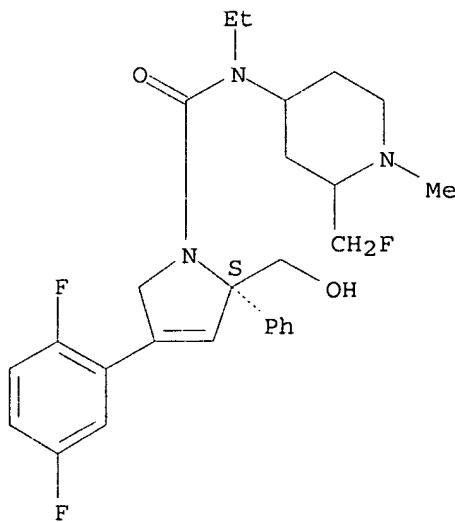
Absolute stereochemistry.



RN 847042-27-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-ethyl-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

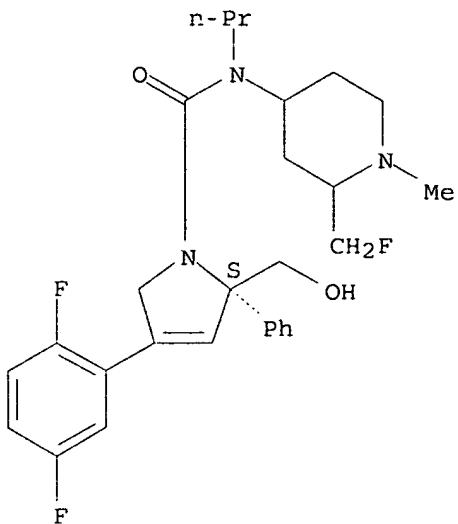
Absolute stereochemistry.



RN 847042-28-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-N-propyl-, (2S)- (9CI) (CA INDEX NAME)

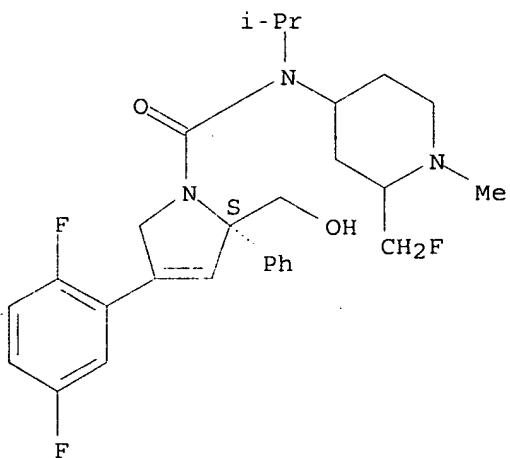
Absolute stereochemistry.



RN 847042-29-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-(1-methylethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

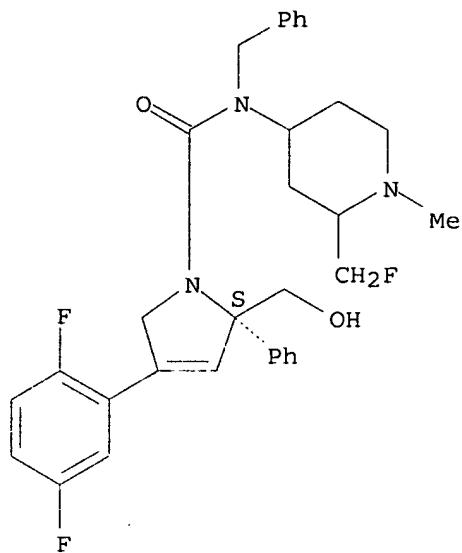
Absolute stereochemistry.



RN 847042-32-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-N-(phenylmethyl)-, (2S)- (9CI) (CA INDEX NAME)

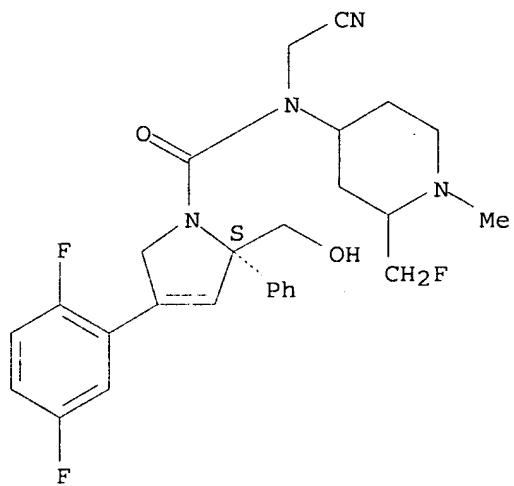
Absolute stereochemistry.



RN 847042-34-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(cyanomethyl)-4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

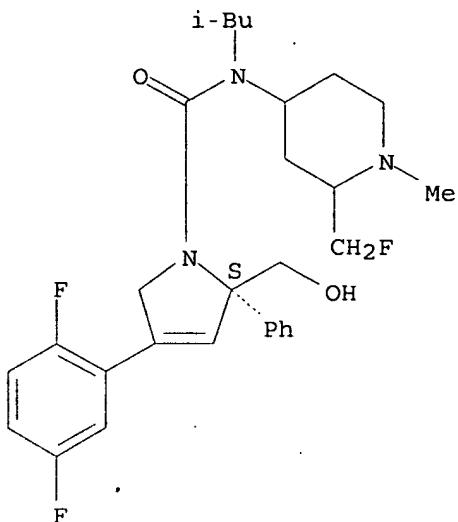
Absolute stereochemistry.



RN 847042-35-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-(2-methylpropyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

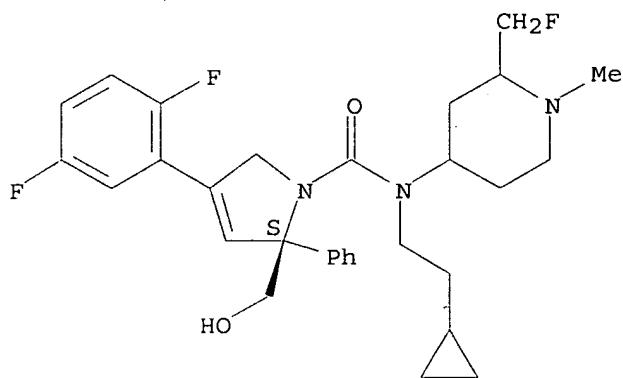
Absolute stereochemistry.



RN 847042-36-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-(2-cyclopropylethyl)-4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

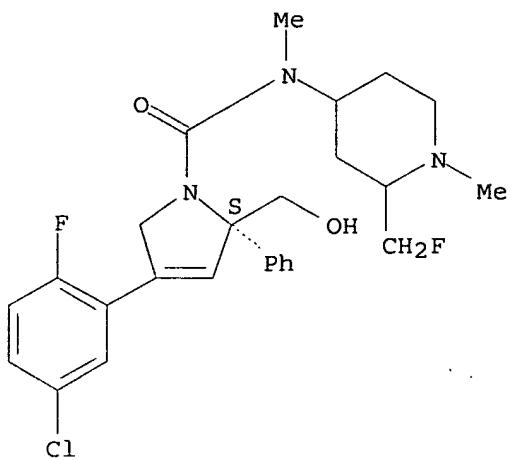
Absolute stereochemistry.



RN 847042-37-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-chloro-2-fluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

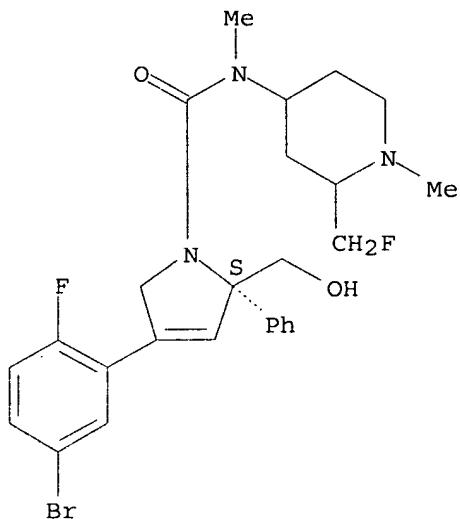
Absolute stereochemistry.



RN 847042-38-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-bromo-2-fluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

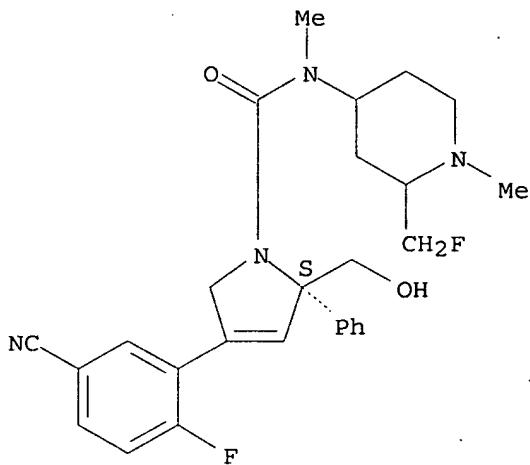
Absolute stereochemistry.



RN 847042-39-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(5-cyano-2-fluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

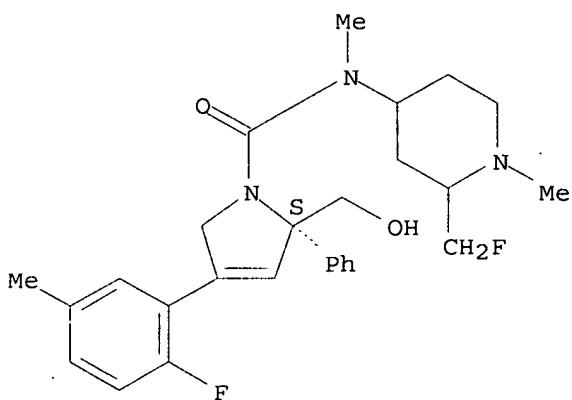
Absolute stereochemistry.



RN 847042-40-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-4-(2-fluoro-5-methylphenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

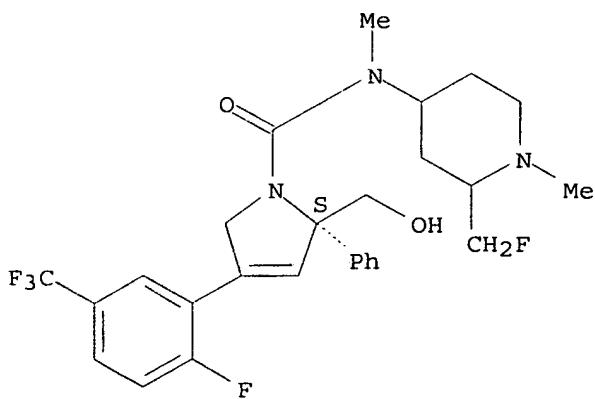
Absolute stereochemistry.



RN 847042-41-5 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-4-[2-fluoro-5-(trifluoromethyl)phenyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

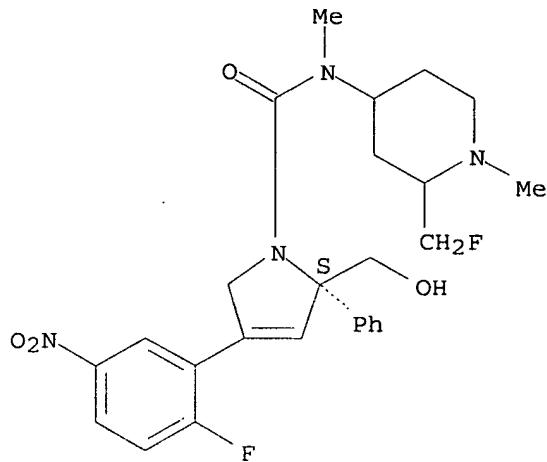
Absolute stereochemistry.



RN 847042-42-6 CAPLUS

CN 1H-Pyrrole-1-carboxamide, N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-4-(2-fluoro-5-nitrophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

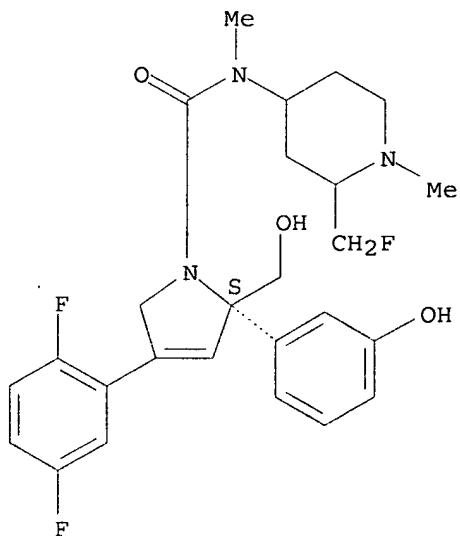
Absolute stereochemistry.



RN 847042-43-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-2-(3-hydroxyphenyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

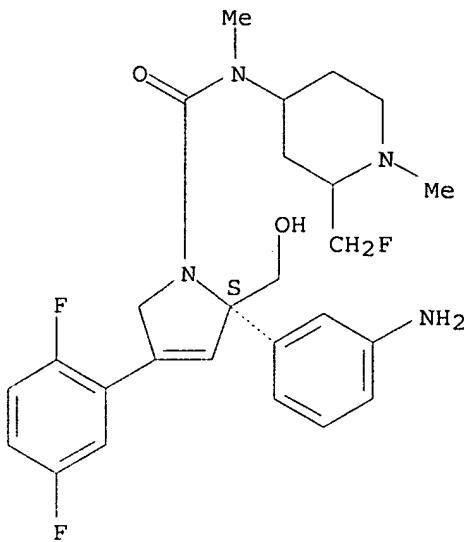
Absolute stereochemistry.



RN 847042-44-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 2-(3-aminophenyl)-4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

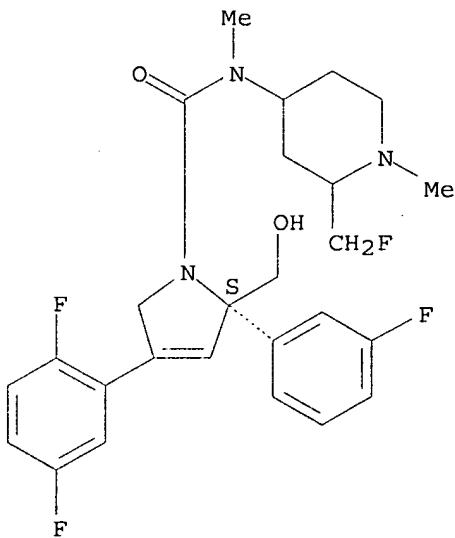
Absolute stereochemistry.



RN 847042-45-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2-(3-fluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

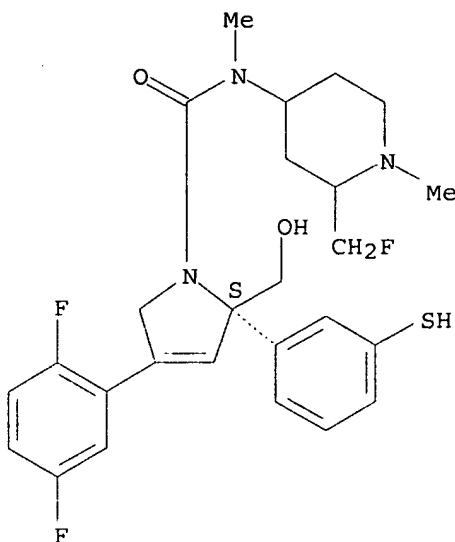
Absolute stereochemistry.



RN 847042-46-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-2-(3-mercaptophenyl)-N-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



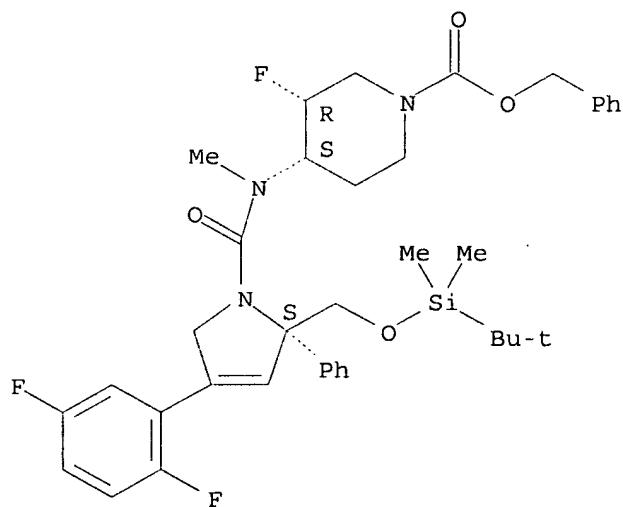
IT 847041-34-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of dihydropyrrolecarboxamides as mitotic kinesin inhibitors for treating or preventing cancer)

RN 847041-34-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[[(2S)-4-(2,5-difluorophenyl)-2-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]methyl]-2,5-dihydro-2-phenyl-1H-pyrrol-1-yl]carbonyl]methylamino]-3-fluoro-, phenylmethyl ester, (3R,4S)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT:

7

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:140806 CAPLUS

DOCUMENT NUMBER: 142:240324

TITLE: A preparation of pyrrolecarboxamide derivatives, useful as mitotic kinesin inhibitors

INVENTOR(S): Coleman, Paul J.; Cox, Christopher D.; Garbaccio, Robert M.; Hartman, George D.

PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 52 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

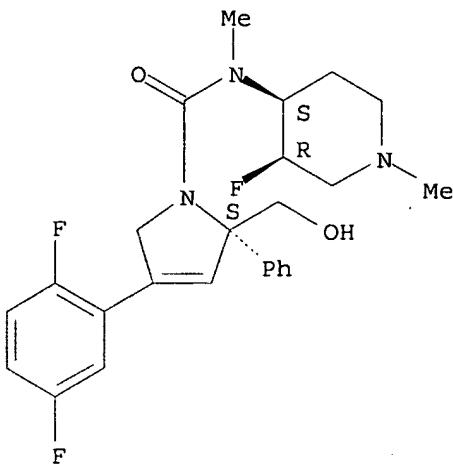
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE												
US 2005038074	A1	20050217	US 2004-916096	20040811												
WO 2005019205	A1	20050303	WO 2004-US25980	20040811												
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG																
BR 2004013580	A	20061017	BR 2004-13580	20040811												
NO 2006001194	A	20060505	NO 2006-1194	20060314												
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WO 2004-US25980	W	20040811														

OTHER SOURCE(S): CASREACT 142:240324; MARPAT 142:240324
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to a prepn. of pyrrolecarboxamide derivs. of formula I [wherein: R1 is H, alkyl, aryl, or heterocyclyl, etc.; R2 is 4-piperidinyl deriv.; R3 is H, alkyl, alkdiyl-OH, alkdiyl-O-alkyl, or alk(en/yn)diyl-C(O)-NH2, etc.; R4 is CO2H, halogen, CN, or OH, etc.; R5 is H, CO2H, CN, halogen, or OP(:O)(OH)2, etc.], useful for treating cellular proliferative diseases, for treating disorders assocd. with KSP kinesin activity, and for inhibiting KSP kinesin. The invention is also related to compns. which comprise these compds., and methods of using them to treat cancer in mammals. For instance, pyrrolecarboxamide deriv. II (kinesin ATPase in vitro assay: IC50 < 50 .mu.M) was prepd. via amidation of carbamoyl chloride III by amine IV (conversion of III to the product was >98%).
 IT 845256-65-7P
 RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of pyrrolecarboxamide derivs. useful as mitotic kinesin inhibitors)
 RN 845256-65-7 CAPLUS
 CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4S)-3-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



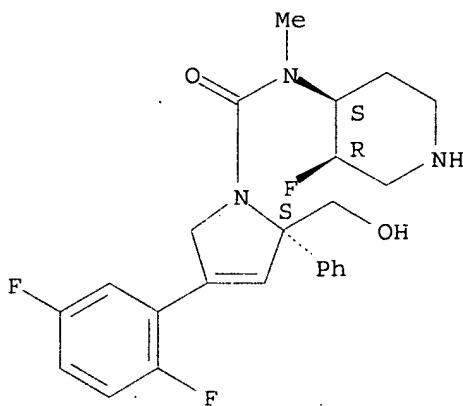
IT 845256-78-2P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(prepn. of pyrrolecarboxamide derivs. useful as mitotic kinesin inhibitors)

RN 845256-78-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4S)-3-fluoro-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



IT 845256-66-8P 845256-67-9P 845256-69-1P

845256-77-1P 845256-81-7P 845256-82-8P

845256-83-9P 845256-84-0P 845256-85-1P

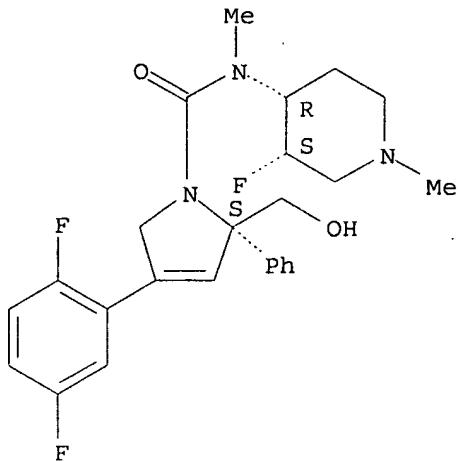
845256-86-2P 845256-87-3P 845256-88-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of pyrrolecarboxamide derivs. useful as mitotic kinesin inhibitors)

RN 845256-66-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4R)-3-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI)
(CA INDEX NAME)

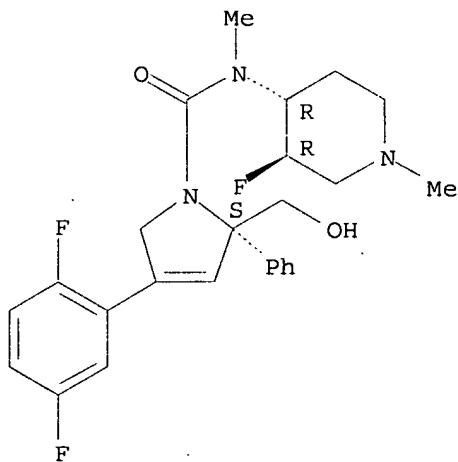
Absolute stereochemistry.



RN 845256-67-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4R)-3-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

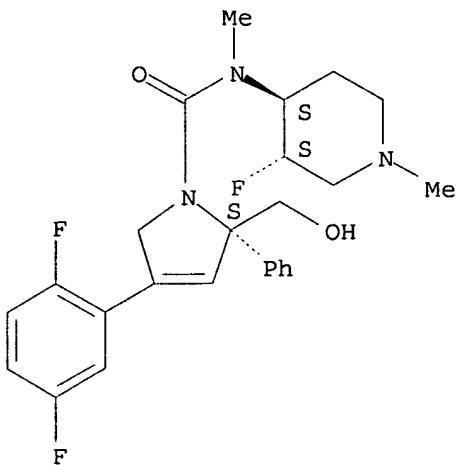
Absolute stereochemistry.



RN 845256-69-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4S)-3-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

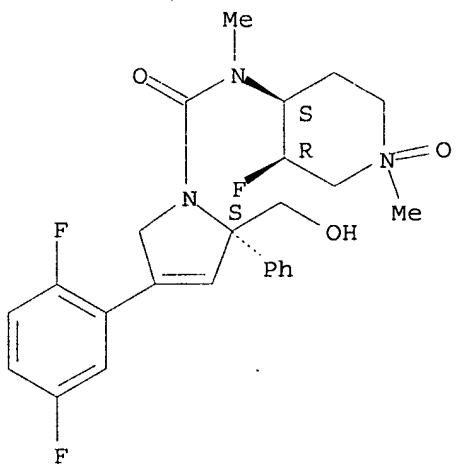
Absolute stereochemistry.



RN 845256-77-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4S)-3-fluoro-1-methyl-1-oxido-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

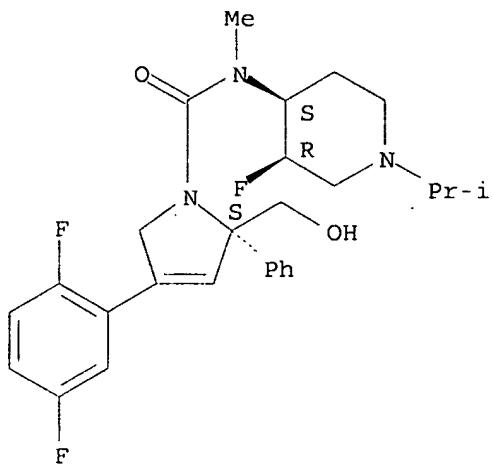
Absolute stereochemistry.



RN 845256-81-7 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4S)-3-fluoro-1-(1-methylethyl)-1-oxido-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

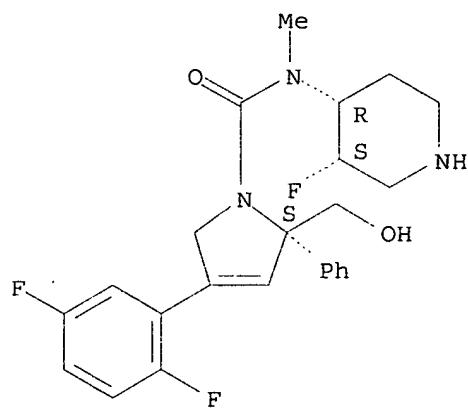
Absolute stereochemistry.



RN 845256-82-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4R)-3-fluoro-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI)
(CA INDEX NAME)

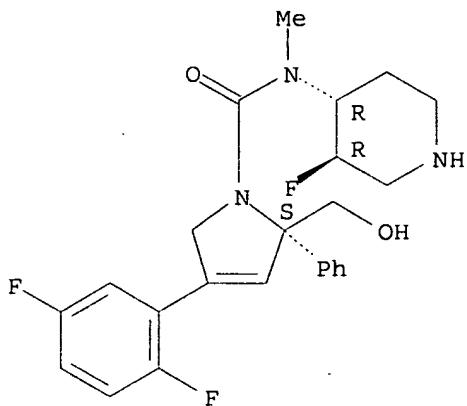
Absolute stereochemistry.



RN 845256-83-9 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3R,4R)-3-fluoro-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI)
(CA INDEX NAME)

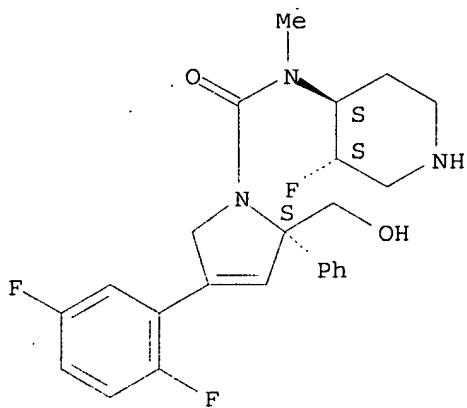
Absolute stereochemistry.



RN 845256-84-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4S)-3-fluoro-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

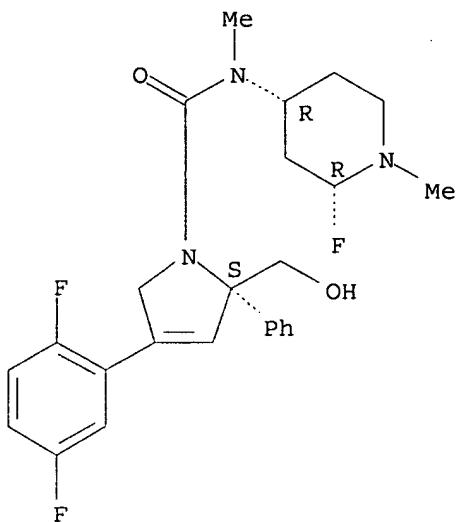
Absolute stereochemistry.



RN 845256-85-1 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(2R,4R)-2-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

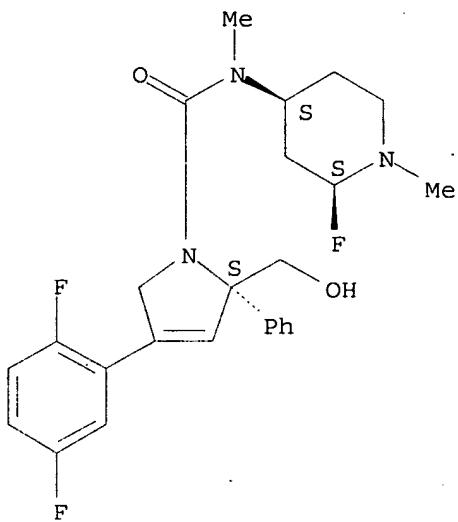
Absolute stereochemistry.



RN 845256-86-2 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(2S,4S)-2-fluoro-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

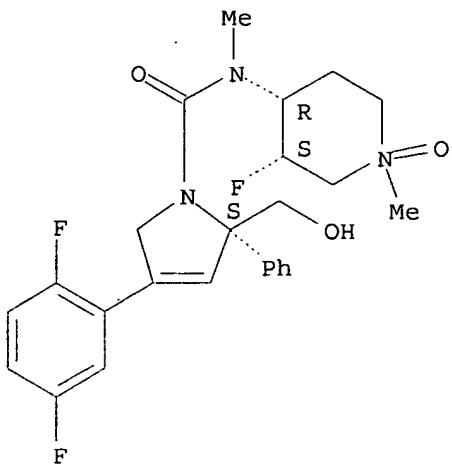
Absolute stereochemistry.



RN 845256-87-3 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4R)-3-fluoro-1-methyl-1-oxido-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME) .

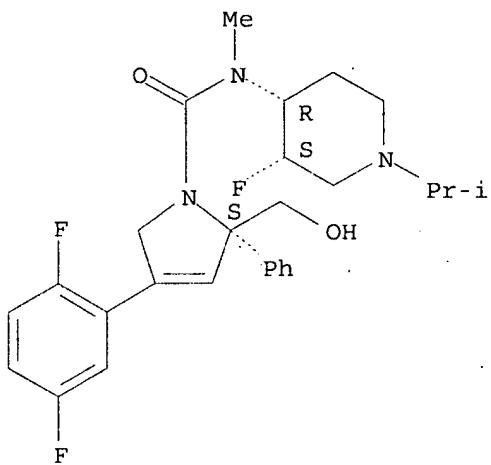
Absolute stereochemistry.



RN 845256-88-4 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(3S,4R)-3-fluoro-1-(1-methylethyl)-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



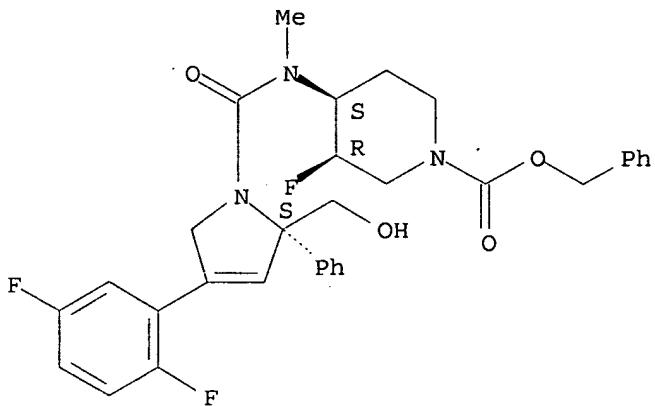
IT 845256-79-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of pyrrolecarboxamide derivs. useful as mitotic kinesin inhibitors)

RN 845256-79-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[[(2S)-4-(2,5-difluorophenyl)-2,5-dihydro-2-(hydroxymethyl)-2-phenyl-1H-pyrrol-1-yl]carbonyl]methylamino]-3-fluoro-phenylmethyl ester, (3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



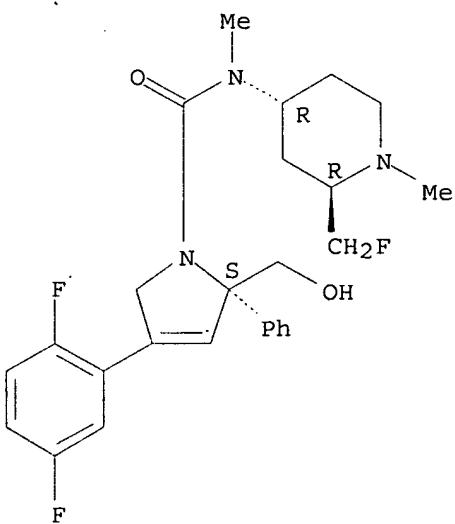
IT 845256-76-0P 845256-90-8P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of pyrrolecarboxamide derivs. useful as mitotic kinesin
inhibitors)

RN 845256-76-0 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(2R,4R)-2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 845256-90-8 CAPLUS

CN 1H-Pyrrole-1-carboxamide, 4-(2,5-difluorophenyl)-N-[(2S,4R)-2-(fluoromethyl)-1-methyl-4-piperidinyl]-2,5-dihydro-2-(hydroxymethyl)-N-methyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

